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=> fil reg
FILE 'REGISTRY' ENTERED AT 13:52:45 ON 02 DEC 2009
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STRUCTURE FILE UPDATES:   30 NOV 2009  HIGHEST RN 1194522-11-6
DICTIONARY FILE UPDATES:  30 NOV 2009  HIGHEST RN 1194522-11-6

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predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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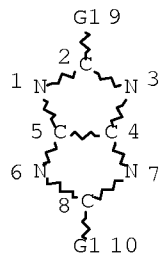


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DEFAULT ECLEVEL IS UNLIMITED

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STEREO ATTRIBUTES: NONE
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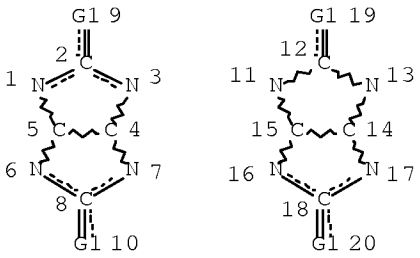

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STEREO ATTRIBUTES: NONE
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FILE 'HCAPLUS' ENTERED AT 13:52:56 ON 02 DEC 2009
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FILE COVERS 1907 - 2 Dec 2009 VOL 151 ISS 23
FILE LAST UPDATED: 1 Dec 2009 (20091201/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2009

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d l44 bib abs hitstr tot

L44 ANSWER 1 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:1056334 HCAPLUS Full-text
DN 144:311666
TI Host-guest complexes of cucurbit[8]uril with phenanthrolines and some methyl derivatives
AU Fu, Haiyan; Xue, Saifeng; Mu, Lan; Du, Ying; Zhu, Qianjiang; Tao, Zhu; Zhang, Jianxin; Day, Anthony I.
CS Institute of Applied Chemistry, Guizhou University, Guiyang, 550025, Peop. Rep. China
SO Science in China, Series B: Chemistry (2005), 48(4), 305-314
CODEN: SCBCFQ; ISSN: 1006-9291
PB Science in China Press
DT Journal
LA English
AB The host-guest relationship between cucurbit[8]uril, phenanthrolines and some Me substituted 1,10-phenanthrolines has been investigated by using 1H NMR spectroscopy and fluorescence spectroscopy. The results showed that phenanthrolines as mol. guests bind in the cavity and portal of cucurbit[8]uril in a ratio of 2:1 (guest to host). The phenanthroline isomers 1,10-,1,7- and 4,7- showed red shifts between 47 and 108 nm and pronounced increases in fluorescent intensity. These same isomers produced inclusion complexes with cucurbit[8]uril which had moderate to fast exchange rates on the 1H NMR time scale. The Me substituted 1,10-phenanthrolines studied gave stable inclusion complexes in a ratio of 2:1 which showed slow exchange rates. These guests formed π-π stacked pairs which were cavity bound but also partly protruded from only one portal forming unsym. host-guest complexes. In addition, these π-π stacked pairs formed orientation isomers within the confines of the cucurbit[8]uril cavity.
IT 879547-41-8 879547-45-2 879547-48-5
879547-51-0 879547-54-3 879547-59-8
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(inclusion complex; host-guest complexes of cucurbit[8]uril with phenanthrolines and some Me derivs.)
RN 879547-41-8 HCAPLUS
CN 2,20:3,19-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,16,18,21,23,25,27,29,31,33-hexadecone, hexadecahydro-, stereoisomer, compd. with 1,10-phenanthroline monohydrochloride (1:2) (9CI) (CA INDEX NAME)

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CRN 259886-51-6
CMF C48 H48 N32 O16

Relative stereochemistry.

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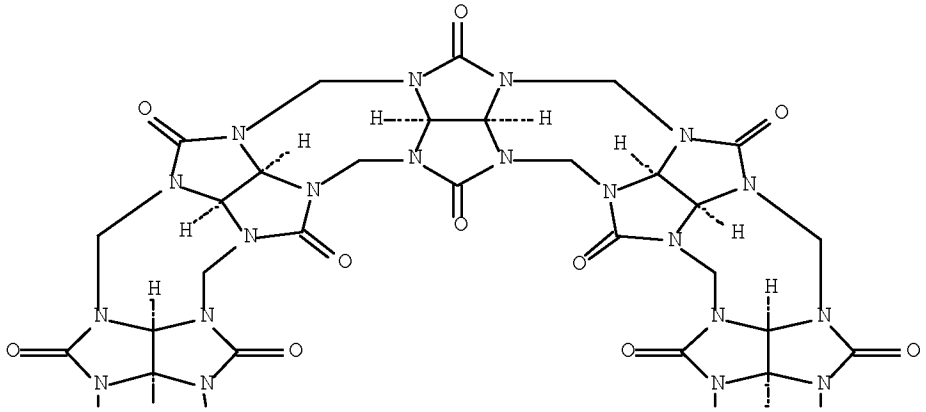

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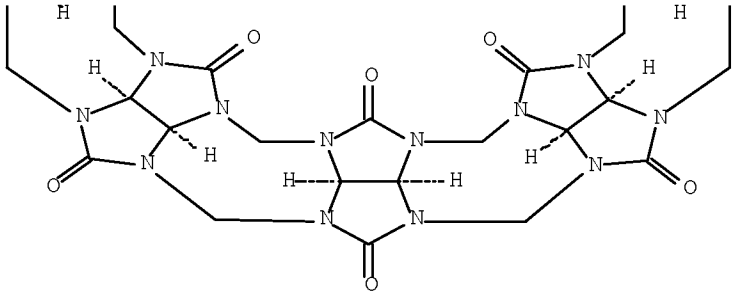

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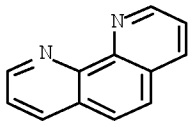

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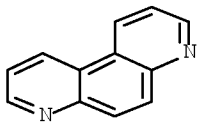
CRN 879547-43-0
CMF C12 H8 N2 . Cl H



● HCl

CM 2

CRN 259886-51-6
CMF C48 H48 N32 O16

Relative stereochemistry.

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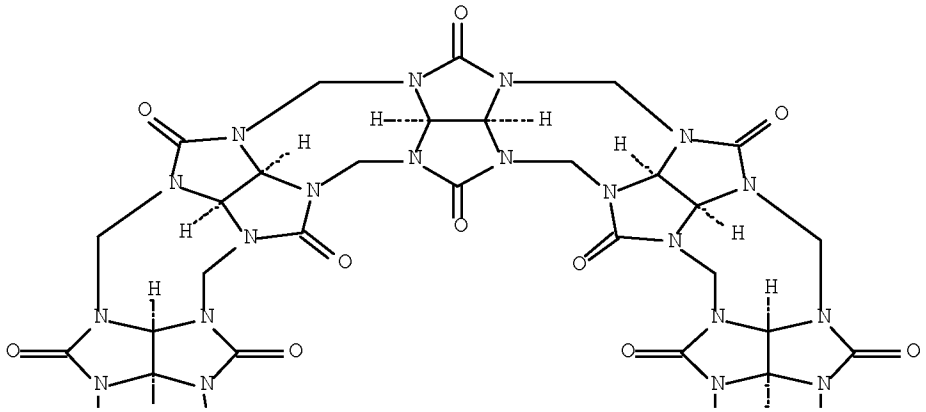

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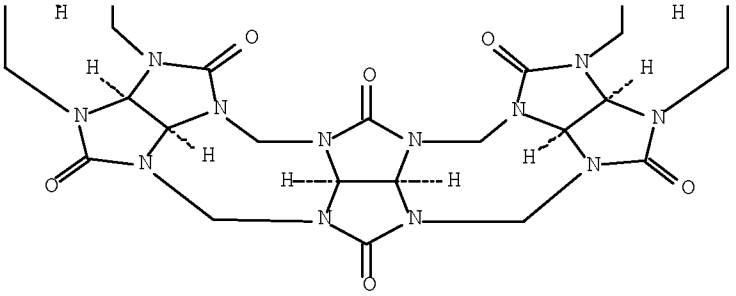

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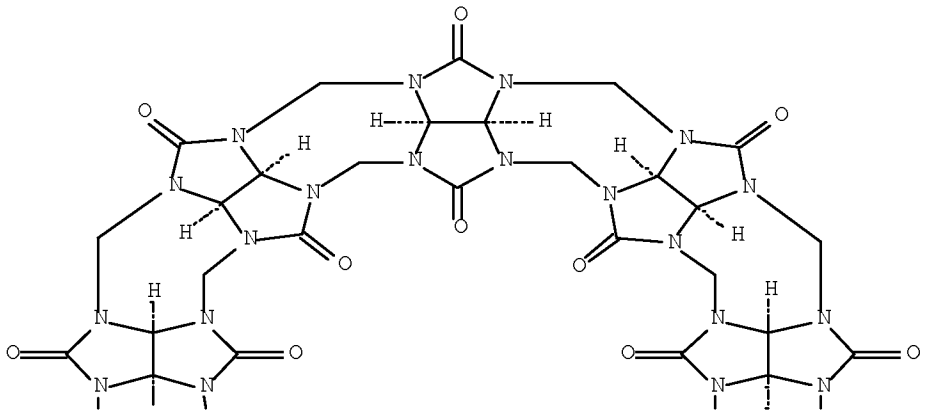
CM 1

CRN 259886-51-6
CMF C48 H48 N32 O16

Relative stereochemistry.

PAGE 1-A



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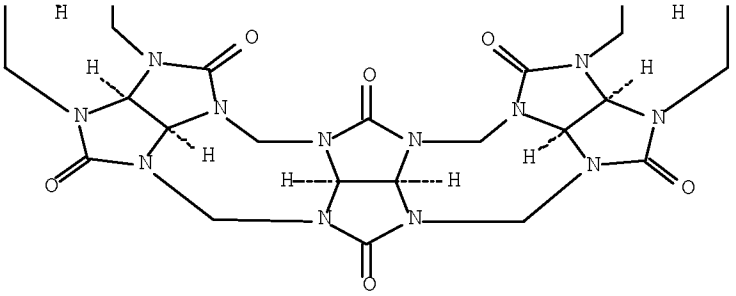

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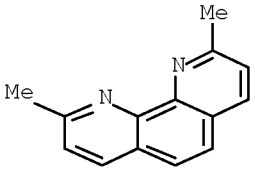

● HCl

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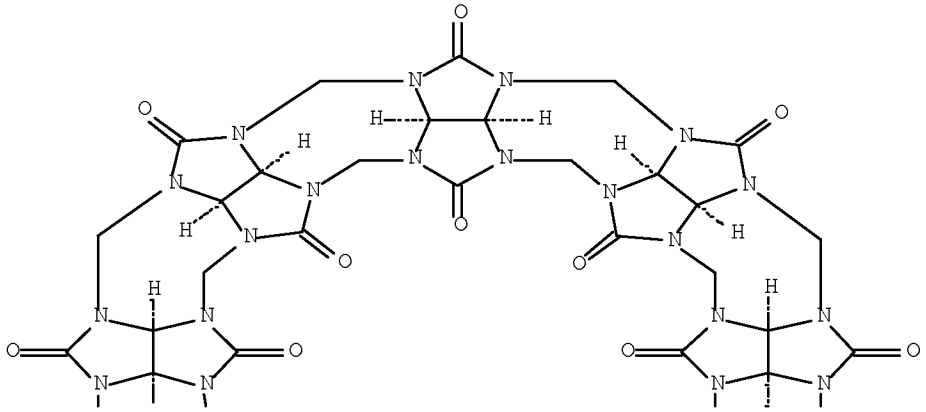
CM 1

CRN 259886-51-6
CMF C48 H48 N32 O16

Relative stereochemistry.

PAGE 1-A



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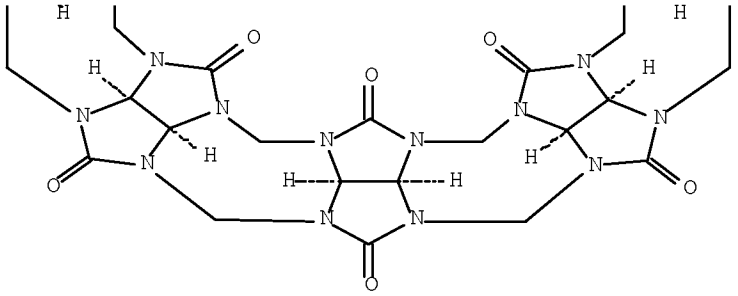

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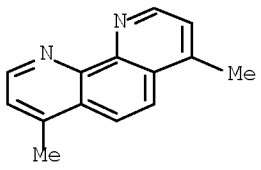

● HCl

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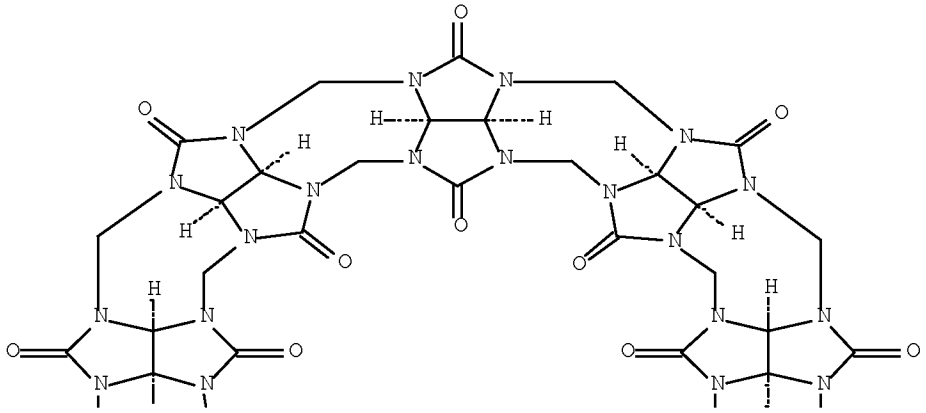
CM 1

CRN 259886-51-6
CMF C48 H48 N32 O16

Relative stereochemistry.

PAGE 1-A



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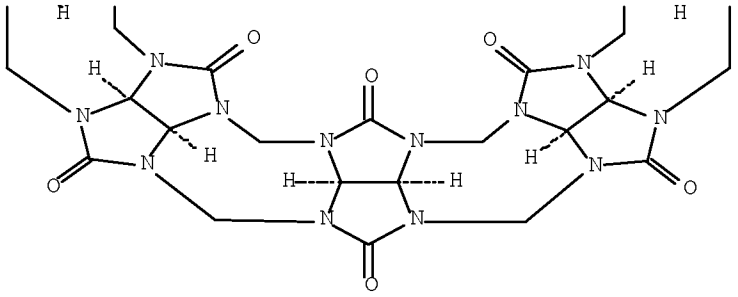

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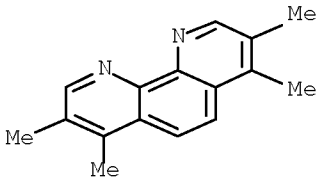

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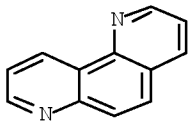
CM 1

CRN 879547-56-5
CMF C12 H8 N2 . Cl H

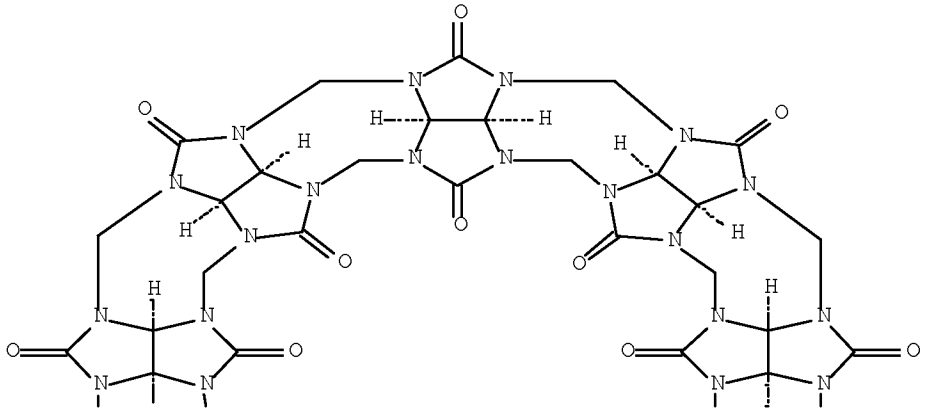


CM 2

CRN 259886-51-6
CMF C48 H48 N32 O16

Relative stereochemistry.

PAGE 1-A



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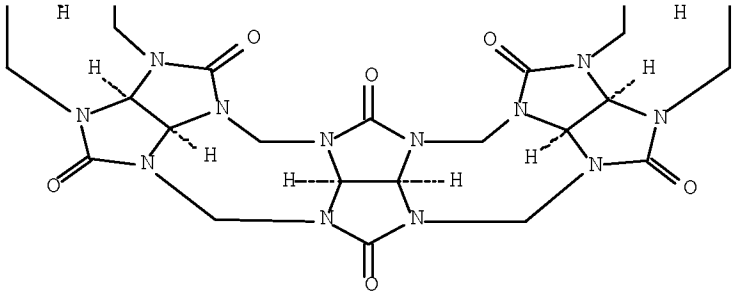

OSC.G 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD (8 CITINGS)
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L44 ANSWER 2 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:1042246 HCAPLUS Full-text
DN 143:347171
TI Method for preparing compounds comprising cucurbituril groups
IN Day, Anthony Ivan
PA Unisearch Limited, Australia
SO PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005090351	A1	20050929	WO 2005-AU396	20050318 <--

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LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
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MR, NE, SN, TD, TG

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PRAI AU 2004-901473	A	20040319	<--		
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS CASREACT 143:347171; MARPAT 143:347171
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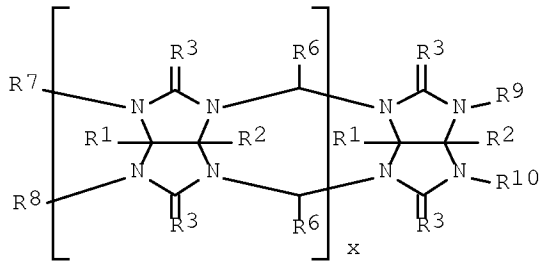
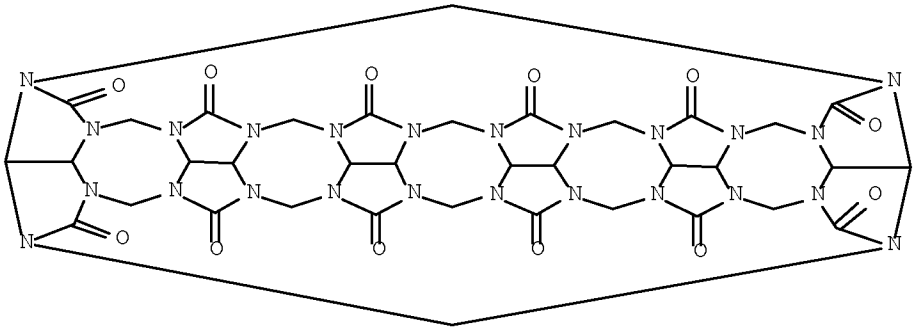


I

AB The present invention provides a method for preparing compds. comprising a plurality of cucurbituril groups. The method comprises forming a mixture comprising one or more compds. of the formula A-L-A wherein L is a linking group and A is group of the formula I [R1 and R2 independently = bond with L or univalent radical, or R1,R2 and the carbon atoms to which they are bound together from an (un)substituted cyclic group, or R1 of one unit and R2 of adjacent unit from a bond or divalent radical, etc.; R3 = O, S, NH, etc.; R6 = bond with L, H, alkyl, and aryl; R7 and R8 or R9 and R10 independently = H and CHR6OR6, or R7 and R8 together form the group -CHR6OCHR6-; x = 0-10 with provisions], and an acid, and exposing the mixture to conditions effective for at least some of the groups A to form cucurbituril groups.

IT 80262-44-8D, Cucurbituril, derivs.
RL: PNU (Preparation, unclassified)
(preparation of dimer, trimer and tetramers of glycolurils useful for preparing
compound containing plurality of cucurbituril groups)
RN 80262-44-8 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-

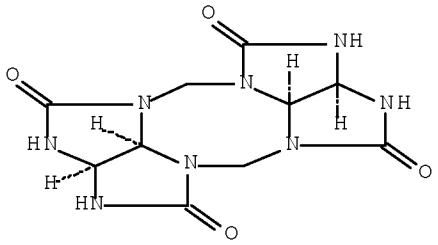
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro- (CA INDEX NAME)



IT 848440-50-6 865813-88-3 865813-93-0
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of dimer, trimer and tetramers of glycolurils useful for preparing compound containing plurality of cucurbituril groups)

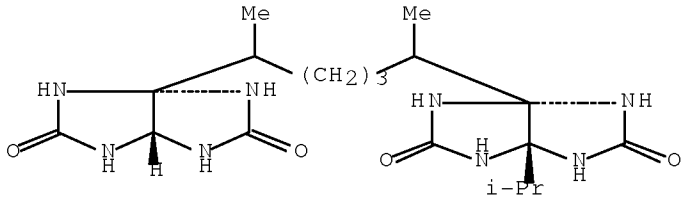
RN 848440-50-6 HCAPLUS
CN 5H,10H-2,3,4a,5a,7,8,9a,10a-Octaazacycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,9(2H,3H,7H,8H)-tetrone, tetrahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.



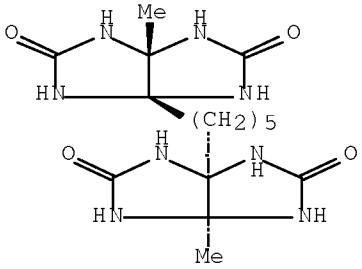
RN 865813-88-3 HCAPLUS
CN Imidazo[4,5-d]imidazole-2,5(1H,3H)-dione, 3a-[5-(cis-hexahydro-2,5-dioxoimidazo[4,5-d]imidazol-3a(1H)-yl)-1-methylhexyl]tetrahydro-6a-(1-methylethyl)-, cis- (CA INDEX NAME)

Relative stereochemistry.



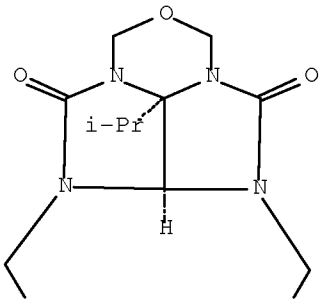
RN 865813-93-0 HCAPLUS
CN Imidazo[4,5-d]imidazole-2,5(1H,3H)-dione, 3a,3'a-(1,5-pentanediyl)bis[tetrahydro-6a-methyl-, (cis,cis)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 848440-48-2P 848440-51-7P 848440-52-8P
865813-89-4P 865813-91-8P 865813-92-9P
865813-94-1P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of dimer, trimer and tetramers of glycolurils useful for preparing
compound containing plurality of cucurbituril groups)
RN 848440-48-2 HCAPLUS
CN 1H,3H,4H,5H,6H,7H,9H,10H,11H,12H-2,8-Dioxa-3a,4a,5a,6a,9a,10a,11a,12a-octaazadibenzo[gh,g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-4,6,10,12-tetrone, tetrahydro-10c,12b-bis(1-methylethyl)-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.



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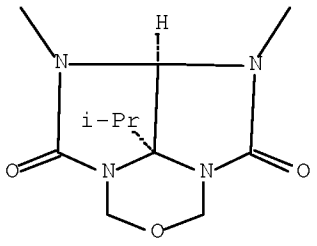
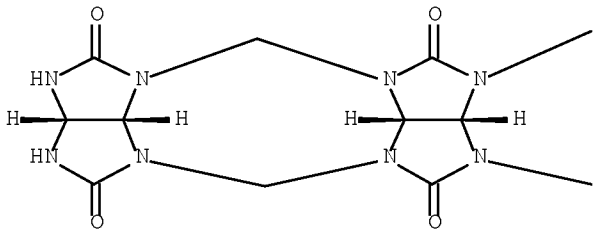


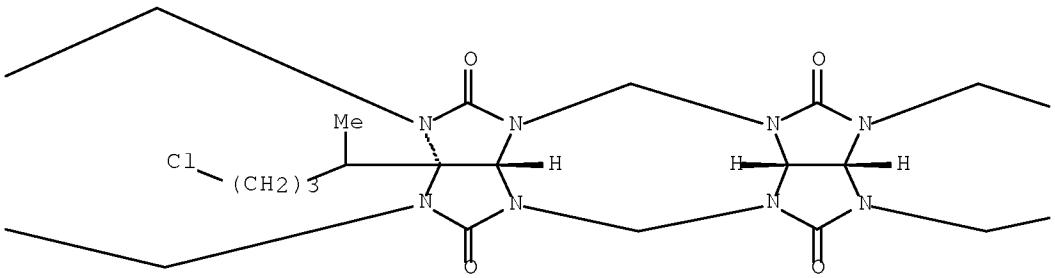
RN 848440-51-7 HCAPLUS
CN 5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-Eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21(2H,3H,13H,14H)-decone, 19b-(4-chloro-1-methylbutyl)decahydro-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

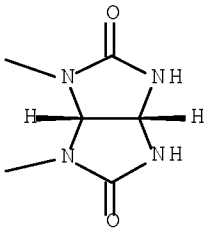
PAGE 1-A



PAGE 1-B



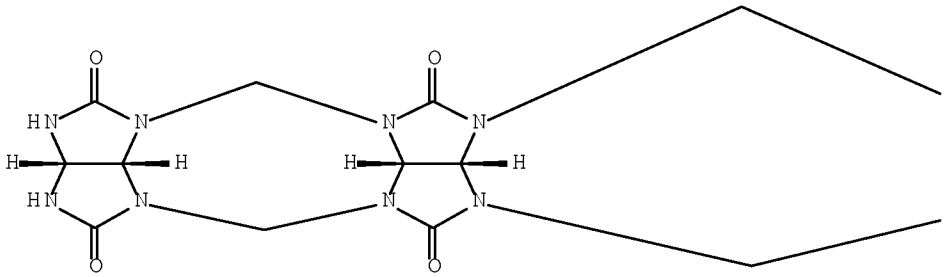
PAGE 1-C



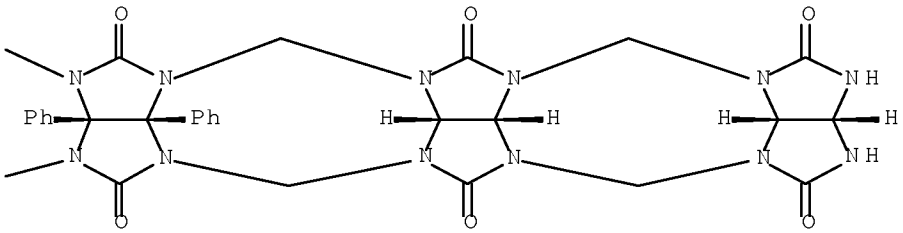
RN 848440-52-8 HCAPLUS
CN 5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-Eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21(2H,3H,13H,14H)-decone, decahydro-19b,19c-diphenyl-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

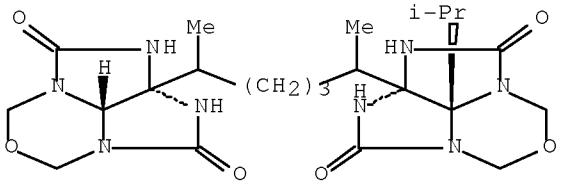


PAGE 1-B



RN 865813-89-4 HCAPLUS
CN 5H,7H-6-Oxa-2,3,4a,7a-tetraazacyclopent[cd]indene-1,4(2H,3H)-dione, dihydro-7b-(1-methylethyl)-2a-[1-methyl-5-(cis-tetrahydro-1,4-dioxo-5H,7H-6-oxa-2,3,4a,7a-tetraazacyclopent[cd]inden-2a(7bH)-yl)hexyl]-, cis- (9CI) (CA INDEX NAME)

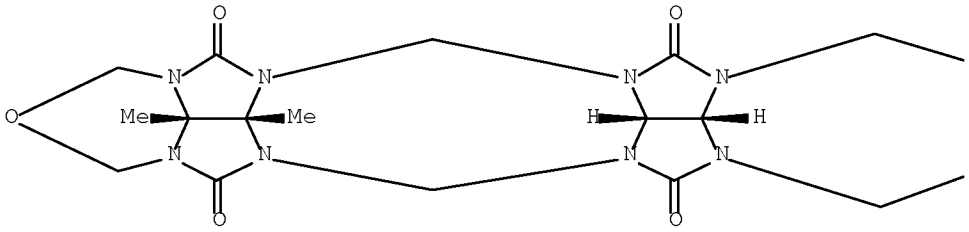
Relative stereochemistry.



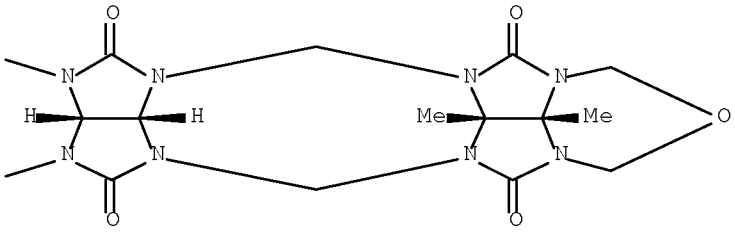
RN 865813-91-8 HCAPLUS
CN 1H,3H,4H,5H,6H,7H,8H,9H,10H,11H,13H,14H,15H,16H,17H,18H,19H,20H-2,12-Dioxa-3a,4a,5a,6a,7a,8a,9a,10a,13a,14a,15a,16a,17a,18a,19a,20a-hexadecaazabisbenzo[3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-4,6,8,10,14,16,18,20-octone, octahydro-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

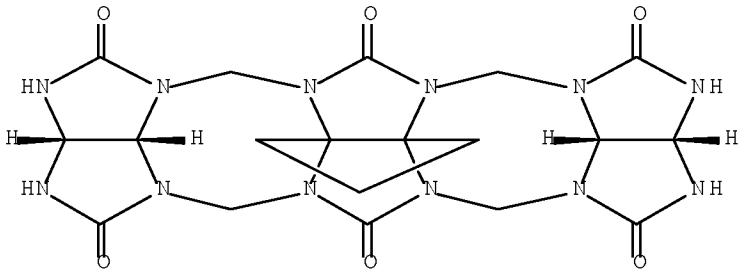


PAGE 1-B



RN 865813-92-9 HCAPLUS
CN 12H,18H-13,17-Methano-5H,6H,7H,14H-2,3,4a,5a,6a,7a,9,10,11a,13,17,18a-dodecaazabispentaleno[1',6':4,5,6]cycloocta[2,1-c:1',2'-h]pentalene-1,4,6,8,11,15(2H,3H,9H,10H,16H)-hexone, tetrahydro-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 865813-94-1 HCAPLUS
CN 1H,3H,4H,5H,7H,8H-2,6-Dioxa-3a,4a,7a,8a-tetraazacyclopenta[def]fluorene-4,8-dione, 8b,8'b-(1,5-pentanediyl)bis[dihydro-8c-methyl-, (cis,cis)-(9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L44 ANSWER 3 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:673299 HCAPLUS Full-text
DN 143:165454
TI Multi-nuclear metal complexes partially encapsulated by cucurbit[7-12]urils
IN Wheate, Nial Joseph; Day, Anthony Ivan; Blanch, Rodney John; Collins, John Grant
PA Unisearch Limited, Australia
SO PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2005068469	A1	20050728	WO 2005-AU45	20050114 <--
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	RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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	EP 1704151	A1	20060927	EP 2005-700077	20050114 <--
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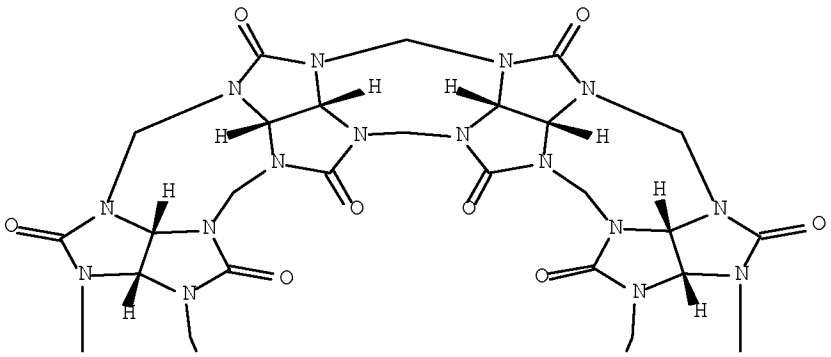
	JP 2007517809	T	20070705	JP 2006-548042	20050114 <--
	IN 2006DN03638	A	20070831	IN 2006-DN3638	20060623 <--
	KR 2006124696	A	20061205	KR 2006-716213	20060811 <--
	US 20080182834	A1	20080731	US 2007-586302	20071127 <--
PRAI	AU 2004-900173	A	20040115 <--		

WO 2005-AU45 W 20050114 <--
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS MARPAT 143:165454
AB The preparation of multinuclear platinum, palladium or gold complexes partially encapsulated by one or more cucurbit[7 to 12]urils is described. The invention further relates to methods for treating cancer by administering a multinuclear metal complex having antitumor activity partially encapsulated by one or more cucurbit[7 to 12]urils or their analogs. Thus, [{trans-(NH3)2ClPt}2{μ-NH2(CH2)3NH2+(CH2)4NH2}] partially encapsulated by cucurbit[7]uril was prepared, cytotoxicity studies performed to evaluate antitumor activity and maximum tolerated dose (MTD) measurements made.
IT 259886-50-5DP, Cucurbit[7]uril, platinum ammine complex containing
259886-51-6DP, Cucurbit[8]uril, platinum ammine complex containing
307001-50-9DP, Cucurbit[10]uril, platinum ammine complex containing
387353-44-8DP, Cucurbit[9]uril, platinum ammine complex containing
834918-58-0DP, Cucurbit[12]uril, platinum ammine complex containing
847977-63-3DP, Cucurbit[11]uril, platinum ammine complex containing
860295-75-6P 860295-76-7P 860295-77-8P
860295-78-9P 860295-79-0P 860295-81-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation and antitumor activity of platinum ammine complex partially encapsulated by cucurbiturils)
RN 259886-50-5 HCAPLUS
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1'''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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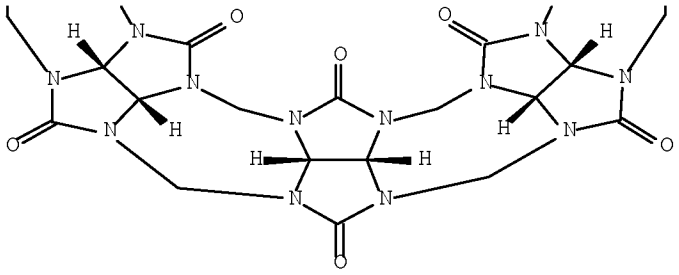

RN 259886-51-6 HCAPLUS
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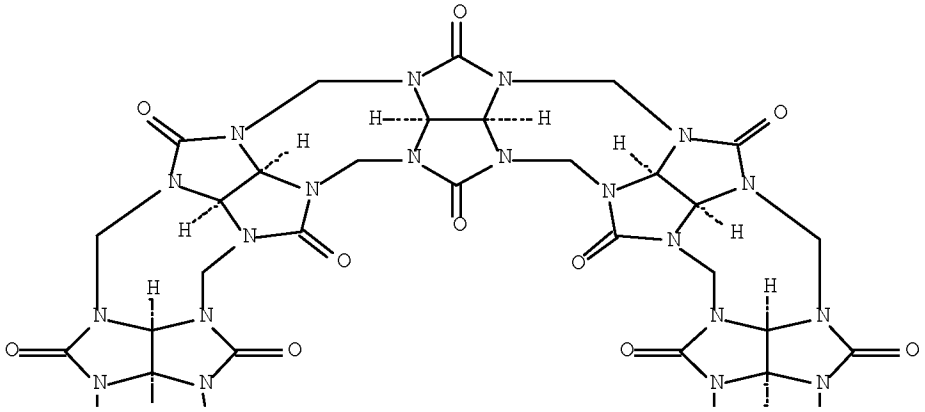
Relative stereochemistry.

PAGE 1-A



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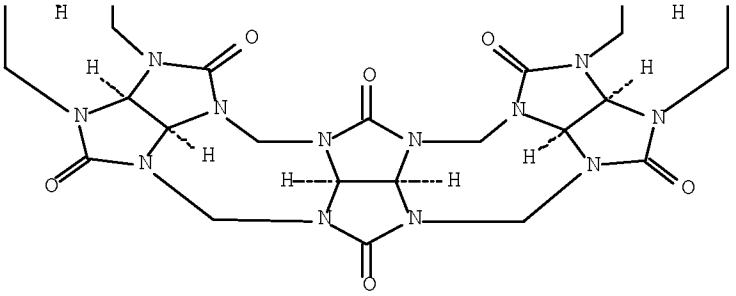

RN 307001-50-9 HCAPLUS
CN 2,24:3,23-Dimethanotetracontaazabispentaleno[1''''''',6''''''':5''''''',6''''''',7''''''']cycloocta[1''''''',2''''''',3''''''':3''''',4''''']pentaleno[1''''',6''''':5''''',6'''',7'''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cyclooct[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentaleneicosone, eicosahydro-, stereoisomer (CA INDEX NAME)

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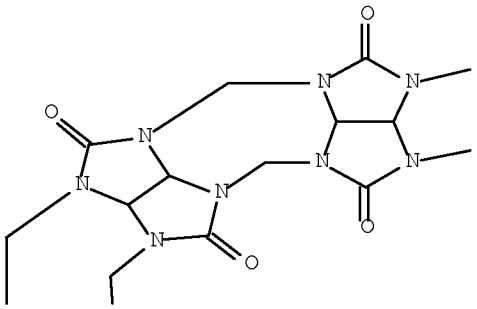
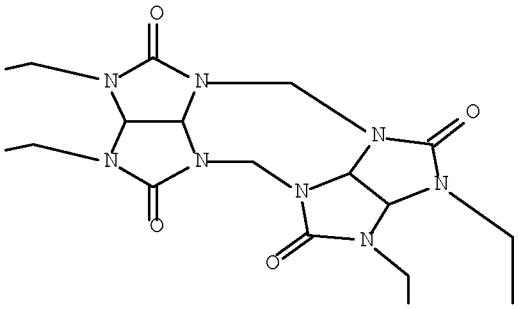


PAGE 1-B



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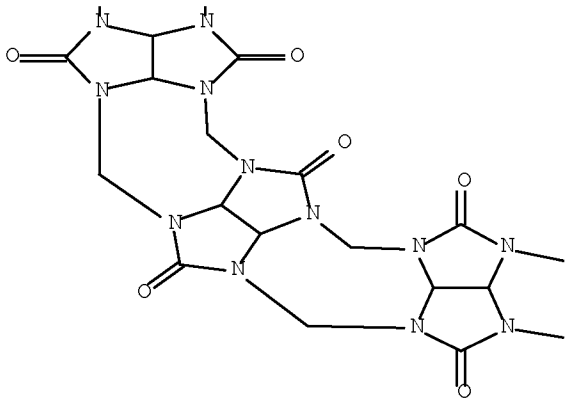
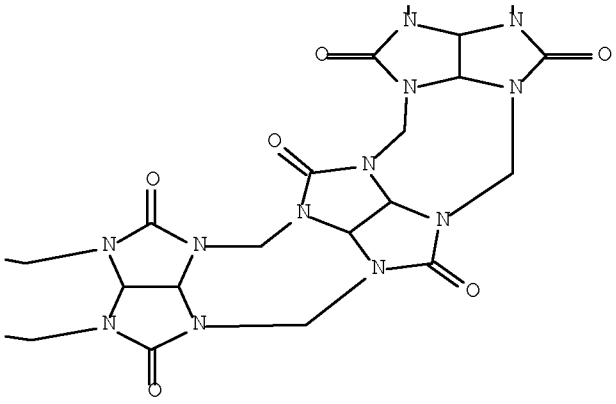


PAGE 2-B



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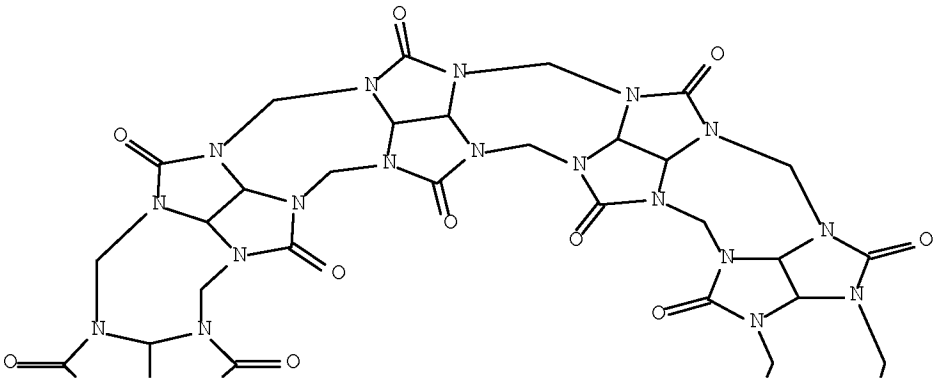
hexatriacontaazabispentaleno[1'''''',6'''''':5'''''',6'''''',7'''''']cyc
loocta[1'''''',2'''''',3'''''':3''''',4''''']pentaleno[1''''',6''''':5''''
,6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5''
,6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-
cd:1',2',3'-gh]pentaleneoctadecone, octadecahydro-, stereoisomer (CA
INDEX NAME)

PAGE 1-A



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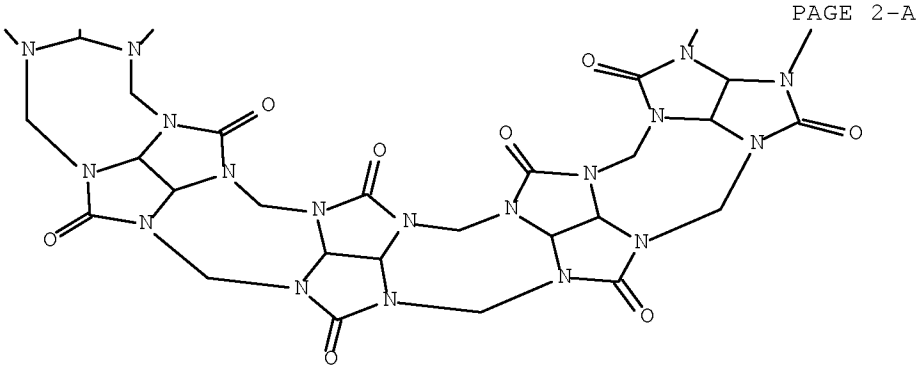
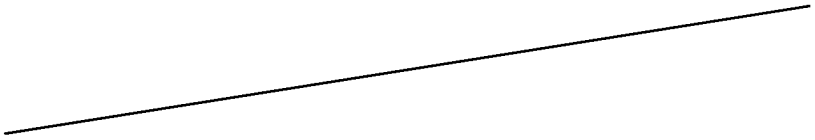


RN 834918-58-0 HCAPLUS
CN Dodeca[(dihydro-2,5-dioxoimidazo[4,5-d]imidazole-1,3:4,6(2H,5H)-tetrayl)-
4,6-bis(methylene)] (CA INDEX NAME)

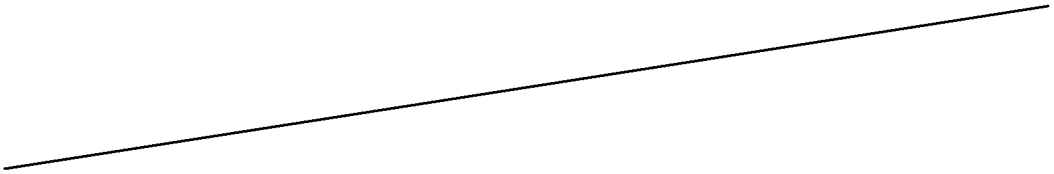
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
RN 847977-63-3 HCAPLUS
CN Undeca[(cis-dihydro-2,5-dioxoimidazo[4,5-d]imidazole-1,3:4,6(2H,5H)-

tetrayl)-4,6-bis(methylene)] (CA INDEX NAME)

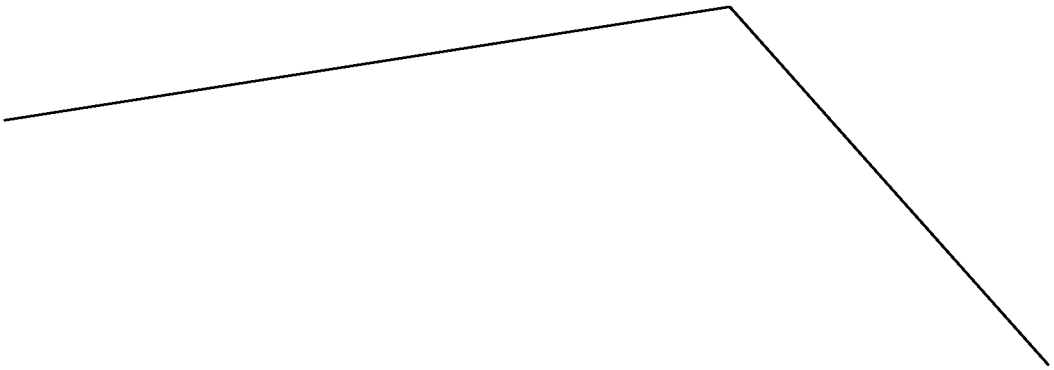
PAGE 1-B



PAGE 1-C

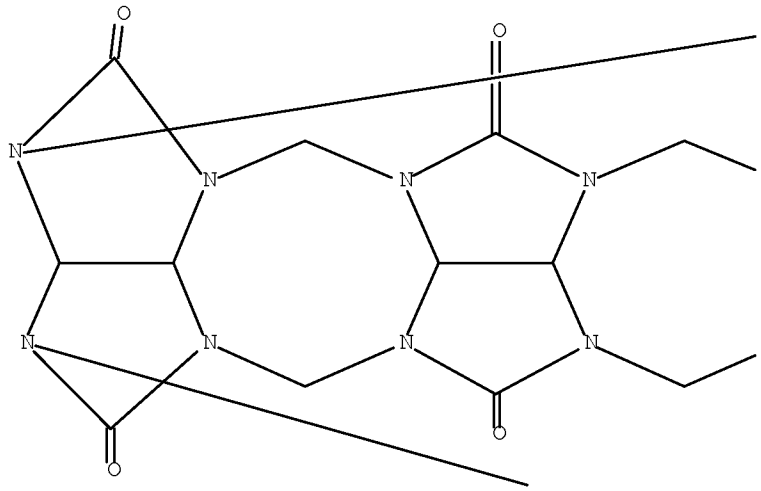


PAGE 1-D

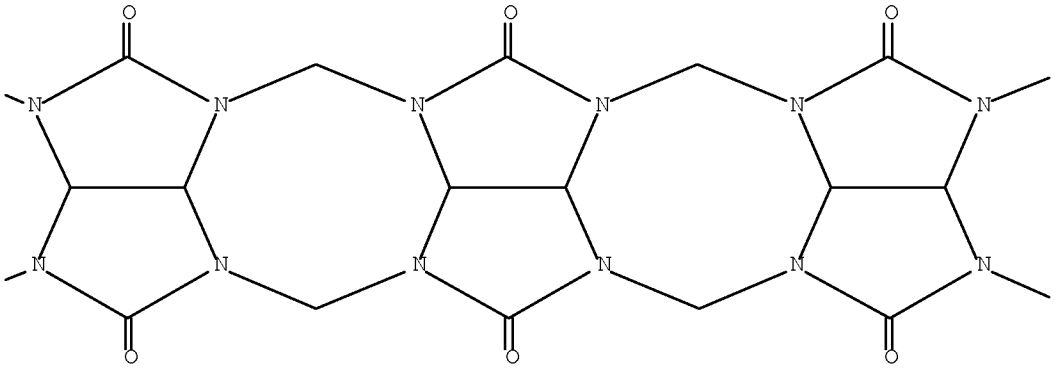


PAGE 1-E

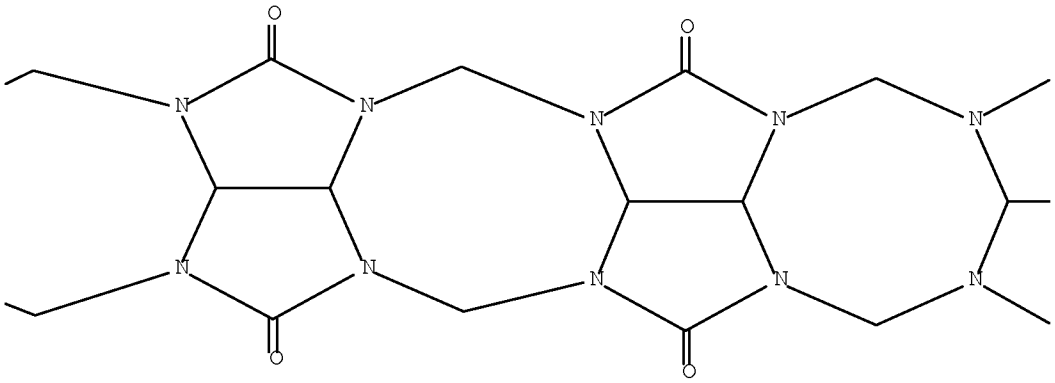
PAGE 2-A



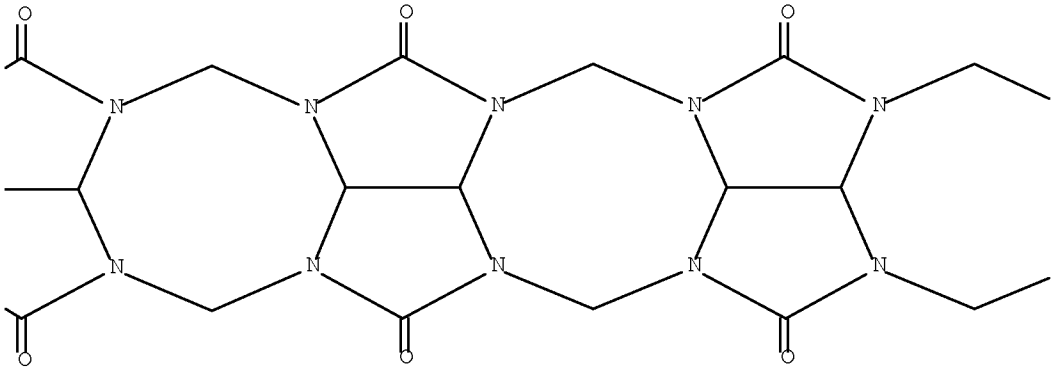
PAGE 2-B



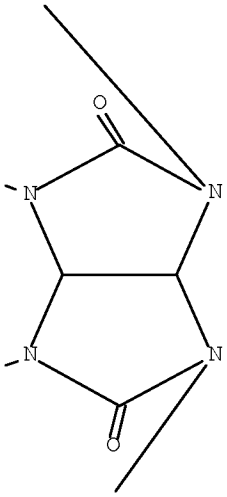
PAGE 2-C



PAGE 2-D



PAGE 2-E

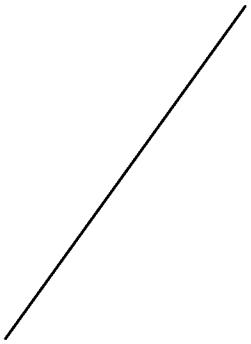


PAGE 3-A

PAGE 3-B

PAGE 3-C

PAGE 3-D



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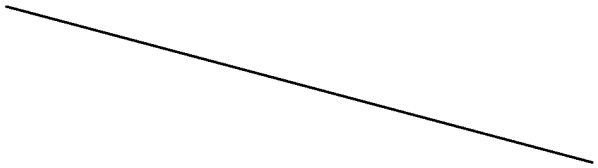
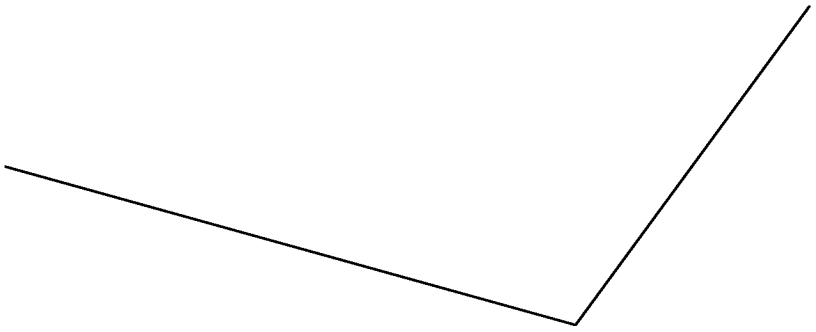
PAGE 4-C



PAGE 4-D

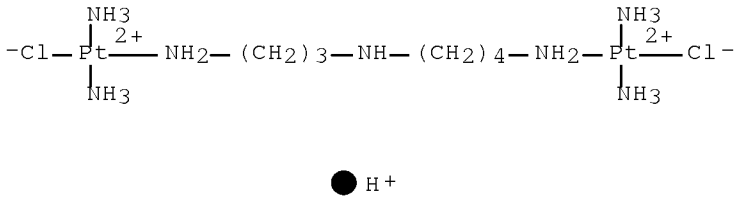


RN 860295-75-6 HCAPLUS

CN Platinum(2+), [μ-[N-[3-(amino-κN)propyl]-1,4-butanediamine-κN']]tetraamminedichlorodi-, conjugate monoacid, stereoisomer, compd. with (2aα,19aα,21bα,23bα,23cα,25b.alpha.,25cα,27bα,27cα,29bα,29cα,31bα,31c.alpha.,33bα,33cα,34bα)-hexadecahydro-2,20:3,19-dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,16,18,21,23,25,27,29,31,33-hexadecone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 468066-79-7
CMF C7 H31 Cl2 N7 Pt2 . H
CCI CCS

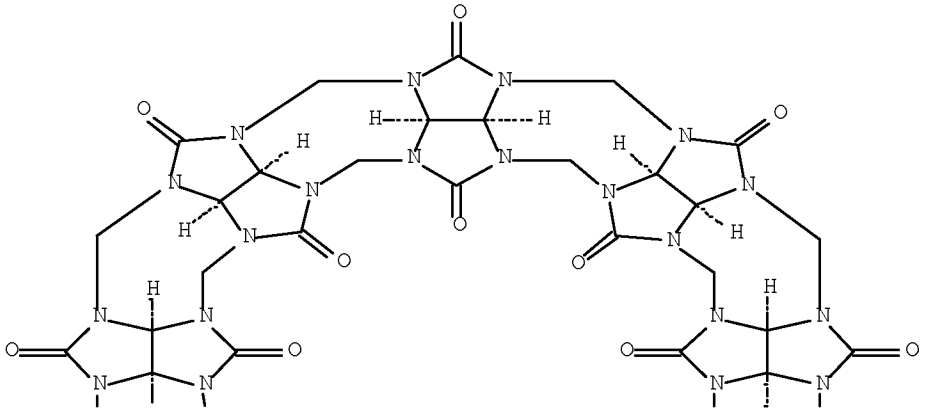


CM 2

CRN 259886-51-6
CMF C48 H48 N32 O16

Relative stereochemistry.

PAGE 1-A



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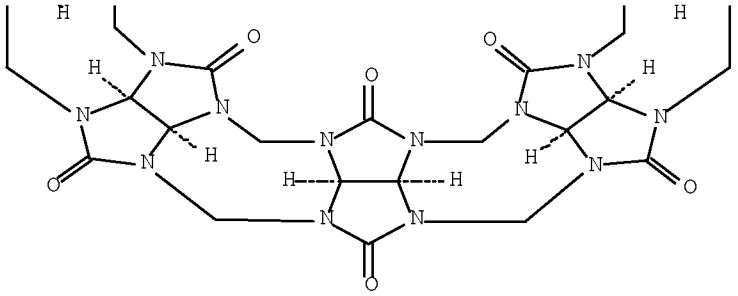
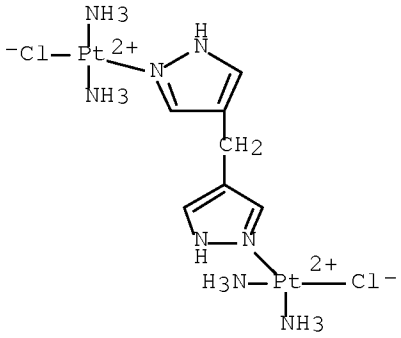


RN 860295-76-7 HCAPLUS

CN Platinum, tetraamminedichloro[μ-[4,4'-methylenebis[1H-pyrazole-κN2]]]di-, stereoisomer, compd. with stereoisomer of tetradecahydro-2,18:3,17-dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2''''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 453522-73-1
CMF C7 H20 Cl2 N8 Pt2
CCI CCS

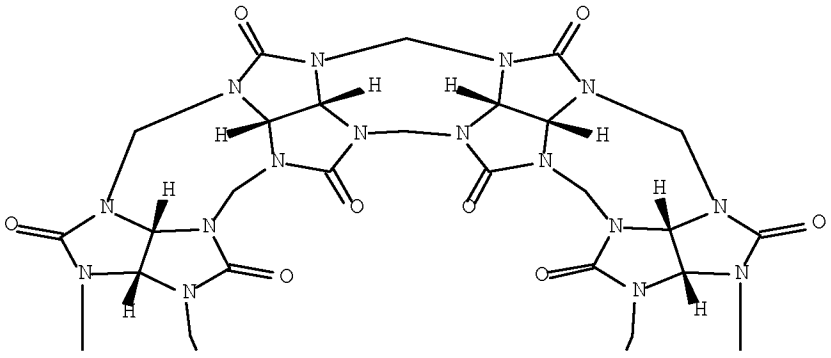


CM 2

CRN 259886-50-5
CMF C42 H42 N28 O14

Relative stereochemistry.

PAGE 1-A



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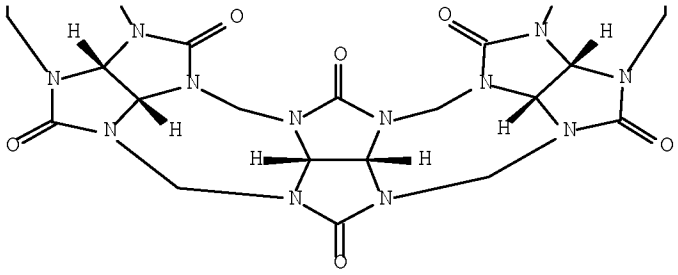


RN 860295-77-8 HCAPLUS

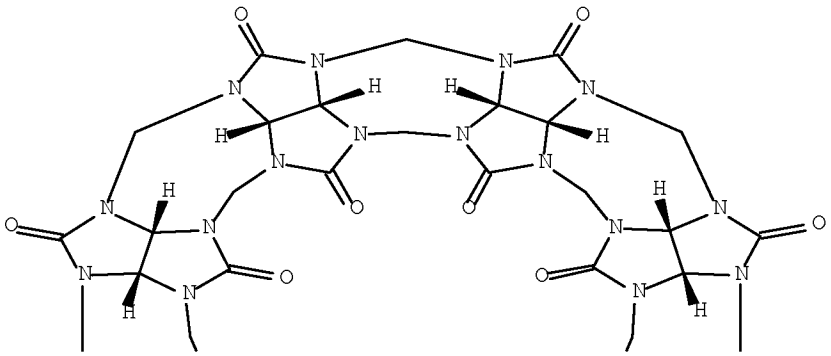
CN Platinum(4+), hexaamminedichlorobis[μ-(1,6-hexanediamine-κN:κN')]tri-, compd. with stereoisomer of tetradecahydro-2,18:3,17-dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1'''''',6'''''':5'''',6'''',7'''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 259886-50-5
CMF C42 H42 N28 O14

Relative stereochemistry.

PAGE 1-A



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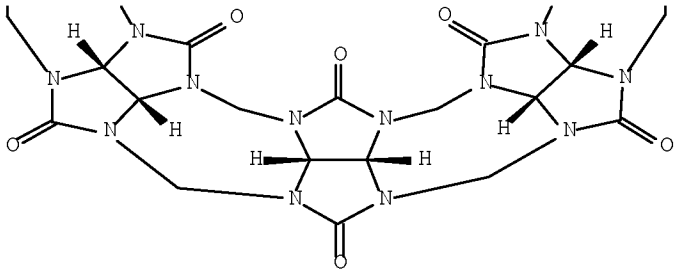
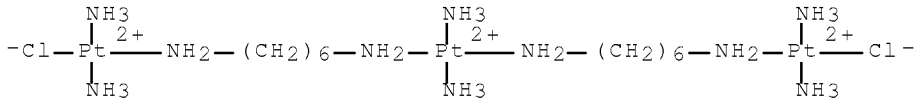


CM 2

CRN 172902-99-7
CMF C12 H50 Cl2 N10 Pt3
CCI CCS



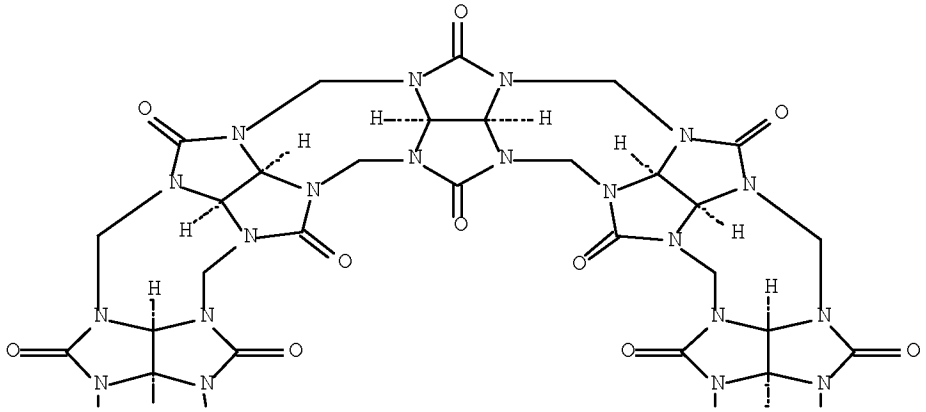
RN 860295-78-9 HCAPLUS
CN Platinum(4+), hexaamminedichlorobis[μ-(1,6-hexanediamine-κN:κN')]tri-, compd. with (2aα,19aα,21bα,23bα,23cα,25bα,25c.alpha.,27bα,27cα,29bα,29cα,31bα,31cα,33b.alpha.,33cα,34bα)-hexadecahydro-2,20:3,19-dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1''''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,16,18,21,23,25,27,29,31,33-hexadecone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 259886-51-6
CMF C48 H48 N32 O16

Relative stereochemistry.

PAGE 1-A



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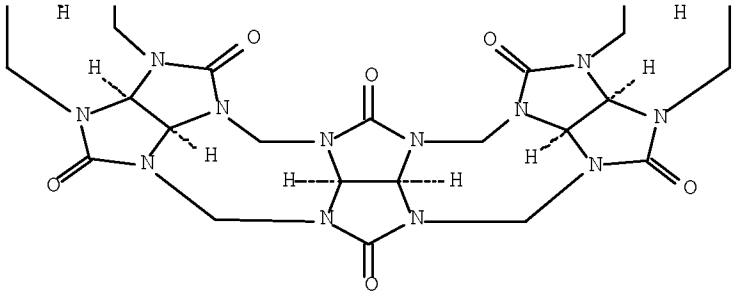
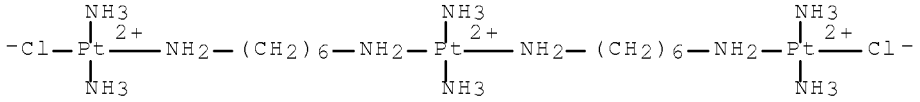


CM 2

CRN 172902-99-7
CMF C12 H50 Cl2 N10 Pt3
CCI CCS



RN 860295-79-0 HCAPLUS
CN Platinum(4+), hexaamminedichlorobis[μ-(1,6-hexanediamine-κN:κN')]tri-, compd. with stereoisomer of eicosahydro-2,24:3,23-dimethanotetracontaazabispentaleno[1'''''',6'''''':5'''''',6'''''',7'''''']cycloocta[1'''''',2'''''',3'''''':3''''',4''''']pentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',

4'''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno
[1',6':5,6,7]cyclooct[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-
c'd']dipentaleneicosone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 307001-50-9
CMF C60 H60 N40 O20

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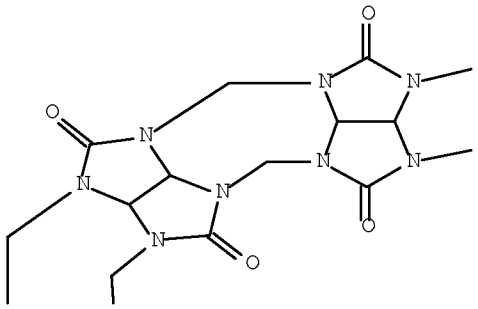

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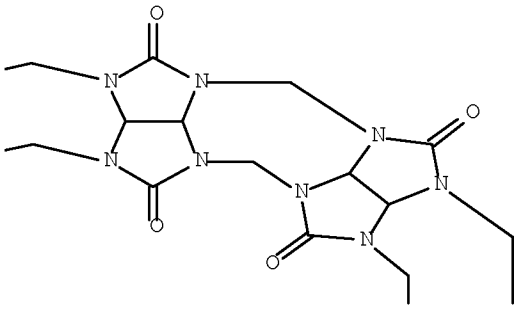

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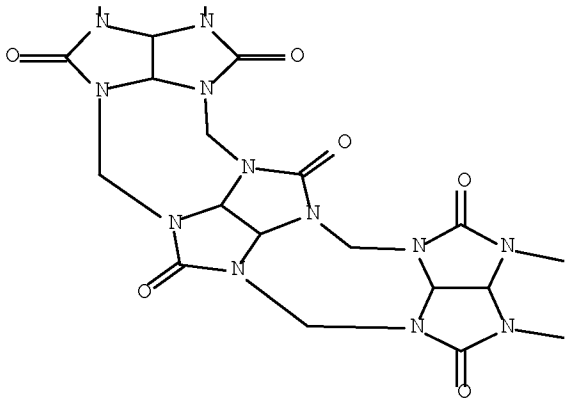

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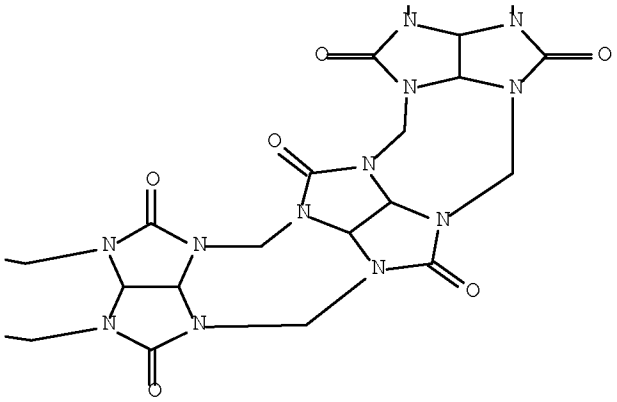
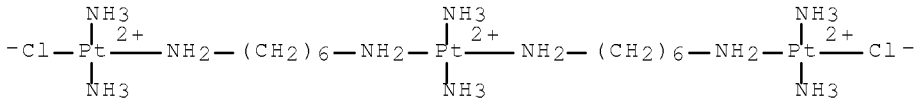


CM 2

CRN 172902-99-7
CMF C12 H50 Cl2 N10 Pt3
CCI CCS



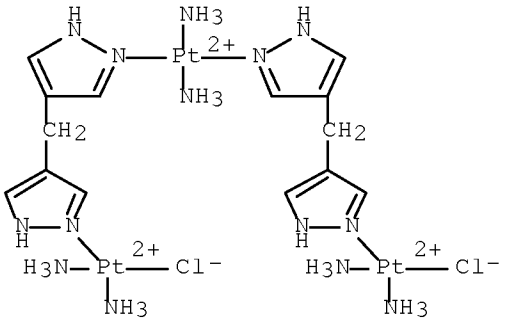
RN 860295-81-4 HCAPLUS

CN Platinum(4+), hexaamminedichlorobis[μ-[4,4'-methylenebis[1H-pyrazole-κN2]]tri-, stereoisomer, compd. with stereoisomer of tetradecahydro-2,18:3,17-dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'

'''',3''''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 860295-80-3
CMF C14 H34 Cl2 N14 Pt3
CCI CCS

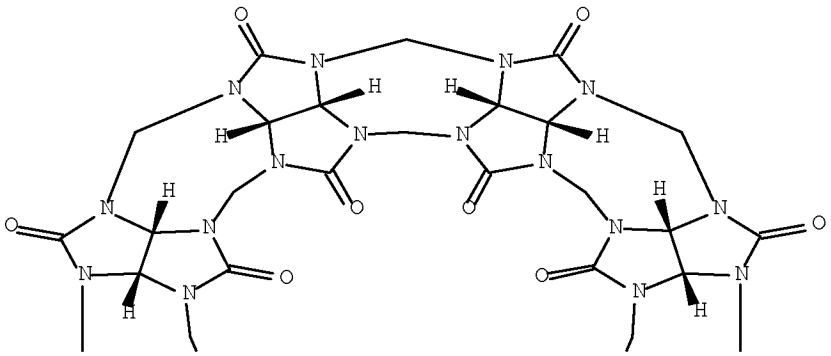


CM 2

CRN 259886-50-5
CMF C42 H42 N28 O14

Relative stereochemistry.

PAGE 1-A



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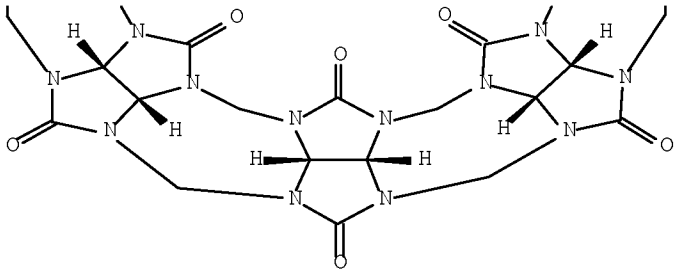
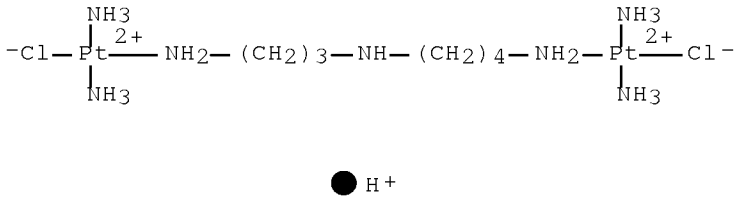


IT 860295-74-5P
RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation, antitumor activity and maximum tolerated dose study of platinum
ammine complex partially encapsulated by cucurbiturils)
RN 860295-74-5 HCAPLUS
CN Platinum(2+), [μ-[N-[3-(amino-κN)propyl]-1,4-butanediamine-κN']]tetraamminedichlorodi-, conjugate monoacid, stereoisomer, compd. with stereoisomer of tetradecahydro-2,18:3,17-dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 468066-79-7
CMF C7 H31 Cl2 N7 Pt2 . H
CCI CCS

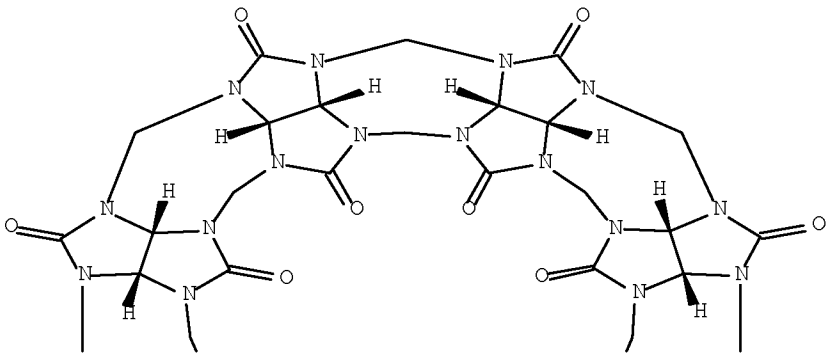


CM 2

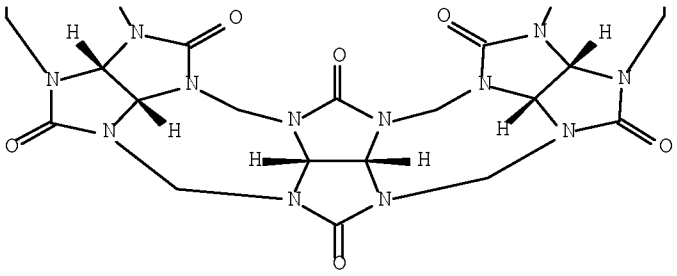
CRN 259886-50-5
CMF C42 H42 N28 O14

Relative stereochemistry.

PAGE 1-A



PAGE 2-A



OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L44 ANSWER 4 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:532408 HCAPLUS Full-text
DN 144:149957
TI Investigation of Host-Guest Compounds of Cucurbit[n=5-8]uril with Some Ortho Aminopyridines and Bispyridine
AU Fu, Hai-Yan; Xue, Sai-Feng; Zhu, Qian-Jiang; Tao, Zhu; Zhang, Jian-Xin; Day, Anthony I.
CS Institute of Applied Chemistry, Guizhou University, Guiyang, 550025, Peop. Rep. China
SO Journal of Inclusion Phenomena and Macrocyclic Chemistry (2005), 52(1-2), 101-107
CODEN: JIPCF5; ISSN: 1388-3127
PB Springer
DT Journal
LA English
AB Host-guest complexes of cucurbit[n=5-8]uril and some examples of ortho substituted pyridines or aminopyridines were examined by 1H NMR spectroscopy. Portal binding of two ortho aminopyridine free bases, by cucurbit[5]uril, was

observed in 1H NMR spectra. Combined cavity and portal binding in cucurbit[6]uril were observed for both the free base 2-aminomethylpyridine, ampy, the HCl salt, ampy·1HCl, and the salt of 2,2'-bispyridine, bpy·1HCl. Two novel complexes were formed with cucurbit[6]uril. The free base ampy as a dual occupant, formed a 2:1 complex, and bpy·1HCl formed a stable asym. 1:1 complex. Only portal binding of 2,6-bis(aminomethyl)pyridine and its salts was observed for cucurbit[6]uril. Fast exchange of the free base and pyridineammonium salts was observed for cucurbit[7-8]uril.

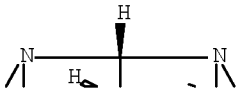
IT 259886-49-2, Cucurbit[5]uril
RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); PROC (Process)
(competitive binding of cucurbit[5]uril by K+ and aminopyridines; host-guest compds. of cucurbit[n=5-8]uril with some o-aminopyridines and bispyridine)

RN 259886-49-2 HCAPLUS

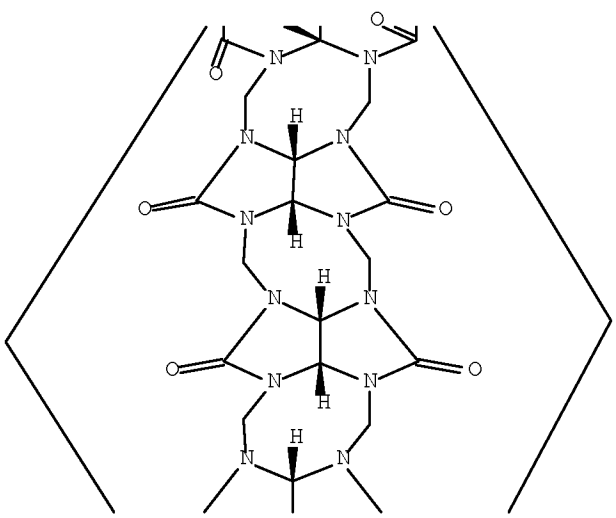
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21-decone, decahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

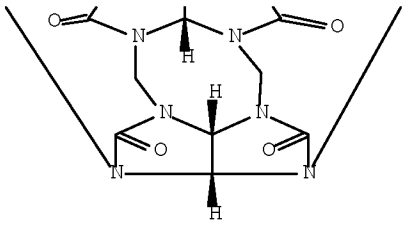
PAGE 1-A



PAGE 2-A



PAGE 3-A



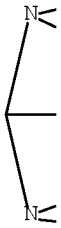
IT 873852-54-1 873852-55-2 873852-56-3
873852-57-4 873852-58-5
RL: FMU (Formation, unclassified); FORM (Formation, nonpreparative)
(inclusion complex; host-guest compds. of cucurbit[n=5-8]uril with some o-aminopyridines and bispyridine)
RN 873852-54-1 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer, compd. with 2-pyridinemethanamine (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 283175-97-3
CMF C36 H36 N24 O12

Relative stereochemistry.

PAGE 1-A



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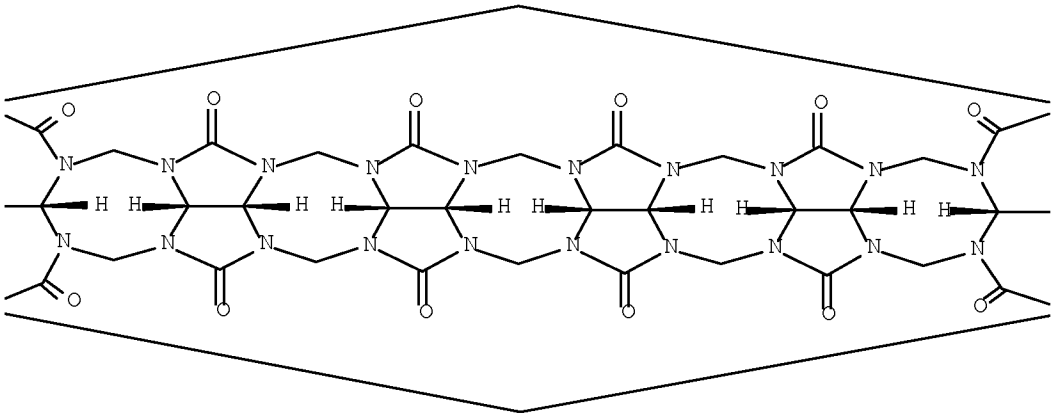
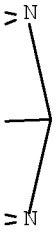
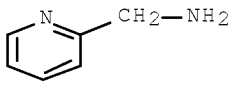


PAGE 1-C



CM 2

CRN 3731-51-9
CMF C6 H8 N2



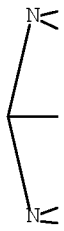
RN 873852-55-2 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer, compd. with 2-pyridinemethanamine (1:2) (9CI) (CA INDEX NAME)

CM 1

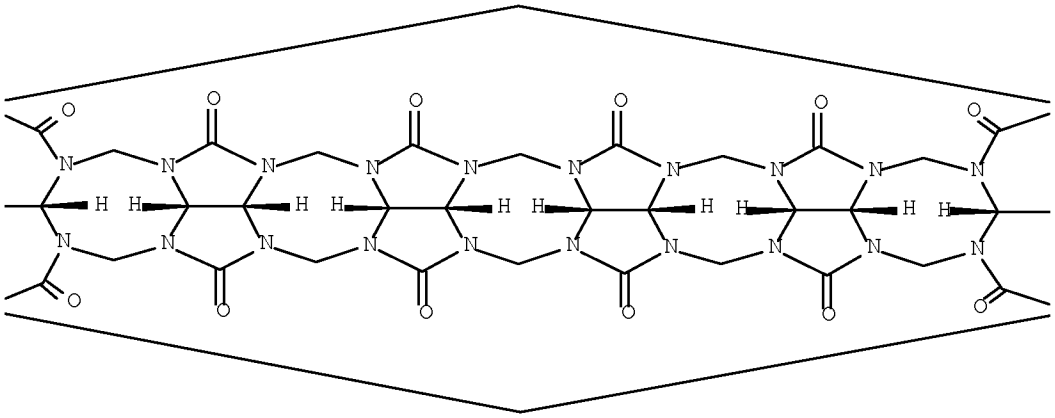
CRN 283175-97-3
CMF C36 H36 N24 O12

Relative stereochemistry.

PAGE 1-A



PAGE 1-B



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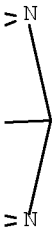
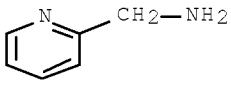


CM 2

CRN 3731-51-9
CMF C6 H8 N2



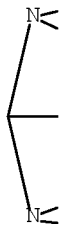
RN 873852-56-3 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24
a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2''
,3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-
g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer,
compd. with 2,2'-bipyridine monohydrochloride (1:1) (9CI) (CA INDEX NAME)

CM 1

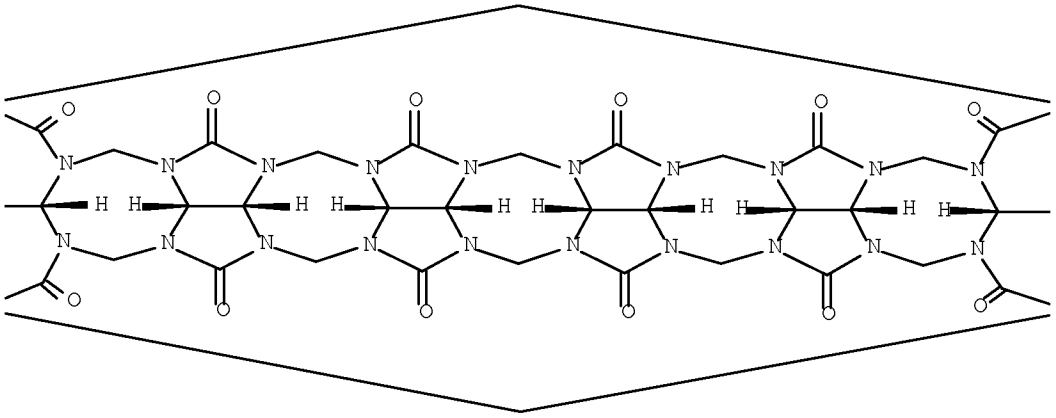
CRN 283175-97-3
CMF C36 H36 N24 O12

Relative stereochemistry.

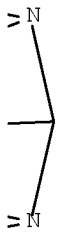
PAGE 1-A



PAGE 1-B

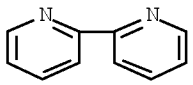


PAGE 1-C



CM 2

CRN 65520-13-0
CMF C10 H8 N2 . Cl H



● HCl

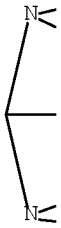
RN 873852-57-4 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24
a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2''
,3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-
g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer,
compd. with pyridine hydrochloride (9CI) (CA INDEX NAME)

CM 1

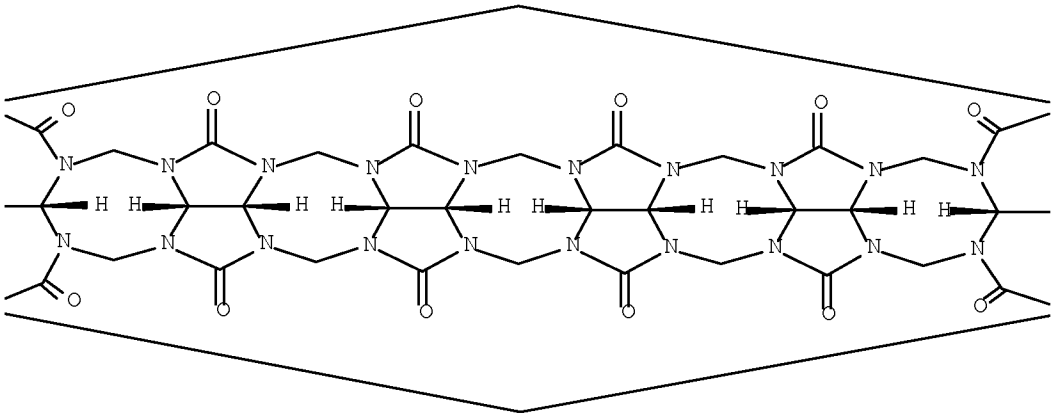
CRN 283175-97-3
CMF C36 H36 N24 O12

Relative stereochemistry.

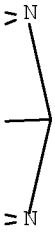
PAGE 1-A



PAGE 1-B



PAGE 1-C



CM 2

CRN 628-13-7
CMF C5 H5 N . Cl H

RN 873852-58-5 HCAPLUS
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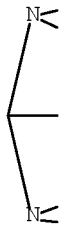
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24
a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2''
,3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-
g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer,
compd. with 2-pyridineethanamine monohydrochloride (9CI) (CA INDEX NAME)

CM 1

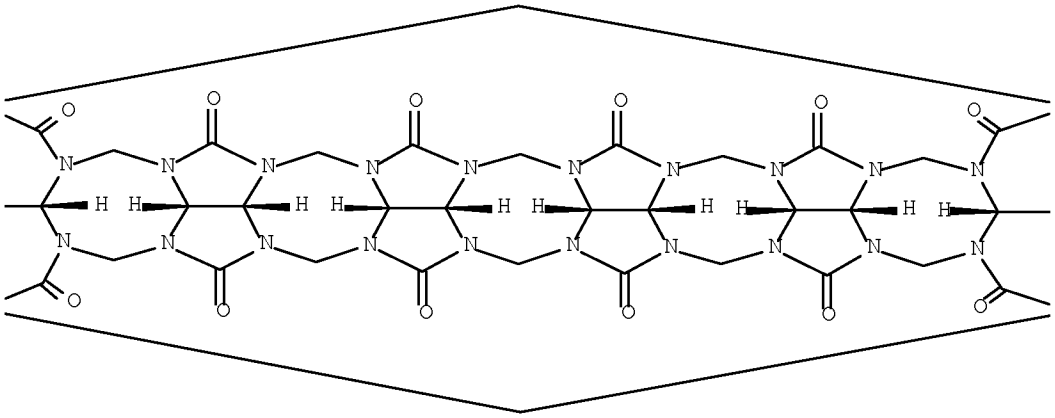
CRN 283175-97-3
CMF C36 H36 N24 O12

Relative stereochemistry.

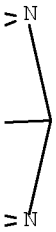
PAGE 1-A



PAGE 1-B

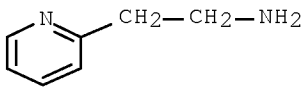


PAGE 1-C



CM 2

CRN 3668-52-8
CMF C7 H10 N2 . Cl H



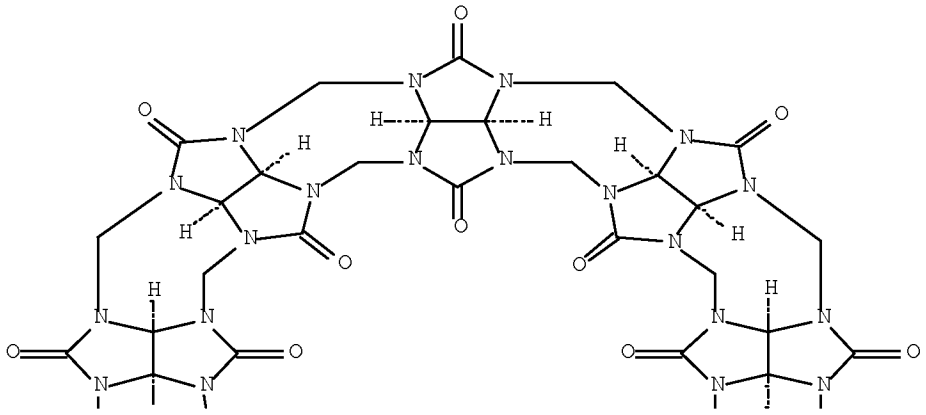
● HCl

IT 259886-51-6, Cucurbit[8]uril
RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); PROC (Process)
(solubilization by bipyridine hydrochloride; host-guest compds. of cucurbit[n=5-8]uril with some o-aminopyridines and bispyridine)
RN 259886-51-6 HCAPLUS

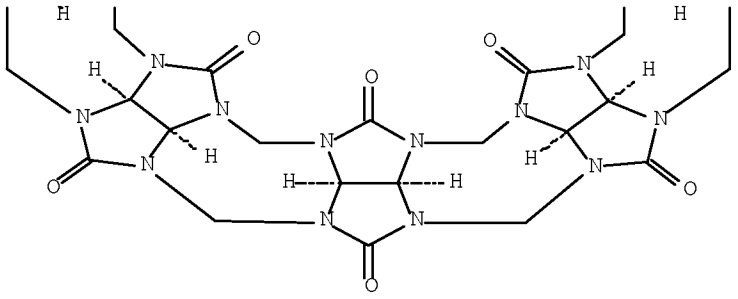
CN 2,20:3,19-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,16,18,21,23,25,27,29,31,33-hexadecone, hexadecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A



OSC.G 20 THERE ARE 20 CAPLUS RECORDS THAT CITE THIS RECORD (20 CITINGS)
RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L44 ANSWER 5 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:260070 HCAPLUS Full-text
DN 142:336358
TI Method for preparing cucurbiturils
IN Day, Anthony Ivan; Arnold, Alan Peter; Blanch, Rodney John
PA Unisearch Limited, Australia

SO PCT Int. Appl., 58 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2005026168	A1	20050324	WO 2004-AU1232	20040910 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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CA 2537843	A1	20050324	CA 2004-2537843	20040910 <--
EP 1668012	A1	20060614	EP 2004-761268	20040910 <--
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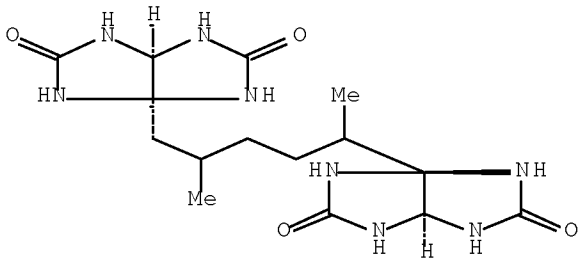
JP 2007505046	T	20070308	JP 2006-525577	20040910 <--
KR 2006119979	A	20061124	KR 2006-705066	20060311 <--
US 20070066818	A1	20070322	US 2006-571707	20060313 <--
US 7501523	B2	20090310		
IN 2006DN01397	A	20070803	IN 2006-DN1397	20060314 <--
PRAI AU 2003-905037	A	20030912 <--		
WO 2004-AU1232	W	20040910 <--		

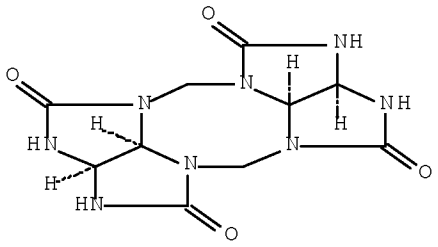
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OS CASREACT 142:336358; MARPAT 142:336358
AB The invention relates to a method for preparing cucurbiturils. The method comprises reacting an oligomer consisting of 2 to 11 linked glycolurils or glycoluril analogs with one or more compds. selected from glycoluril, glycoluril analogs and/or oligomers of glycoluril or glycoluril analogs, in the presence of an acid, to form a cucurbituril. The method can be used to prepare variably substituted cucurbiturils having specific substituted units at specific locations in the cucurbituril. Thus, dimethylcucurbit[1,4]uril was obtained by treating the formaldehyde diether of dimethylglycoluril with the diether of glycoluril and paraformaldehyde in concentrated HCl.
IT 848440-40-4 848440-50-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of cucurbiturils as complexing agents)
RN 848440-40-4 HCAPLUS
CN Imidazo[4,5-d]imidazole-2,5(1H,3H)-dione,
3a,3'a-(1,4-dimethyl-1,5-pentanediyl)bis[tetrahydro-, (cis,cis)- (9CI)
(CA INDEX NAME)

Relative stereochemistry.



RN 848440-50-6 HCAPLUS
CN 5H,10H-2,3,4a,5a,7,8,9a,10a-Octaazacycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,9(2H,3H,7H,8H)-tetrone, tetrahydro-, stereoisomer (CA INDEX NAME)

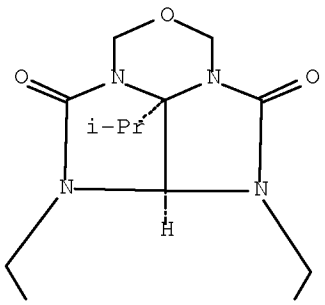
Relative stereochemistry.



IT 848440-48-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of cucurbiturils as complexing agents)
RN 848440-48-2 HCAPLUS
CN 1H,3H,4H,5H,6H,7H,9H,10H,11H,12H-2,8-Dioxa-3a,4a,5a,6a,9a,10a,11a,12a-octaazadibenzo[gh,g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-4,6,10,12-tetrone, tetrahydro-10c,12b-bis(1-methylethyl)-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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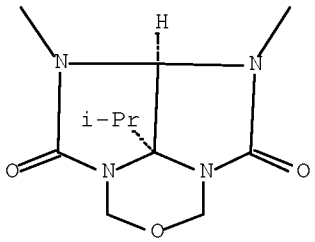


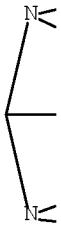
IT 283175-97-3DP, Cucurbit[6]uril, derivs. 569359-77-9P
848440-49-3P 848440-51-7P 848440-52-8P
848440-55-1P 848440-56-2P 848440-57-3P
848440-58-4P 848440-59-5P 848440-61-9P
848491-90-7P 848491-91-8P 848491-92-9P
848491-93-0P 865813-91-8P 865813-92-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of cucurbiturils as complexing agents)

RN 283175-97-3 HCAPLUS

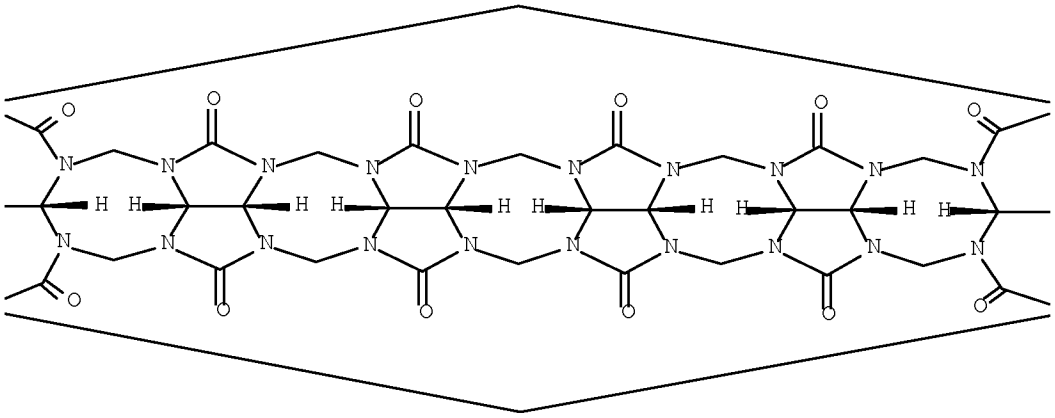
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

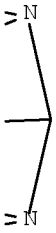
PAGE 1-A



PAGE 1-B



PAGE 1-C

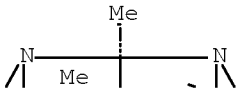


RN 569359-77-9 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-

2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21-decone, decahydro-2a,22b-dimethyl-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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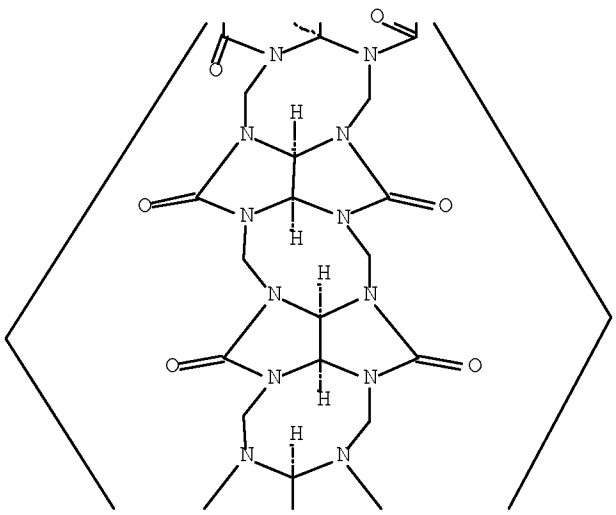
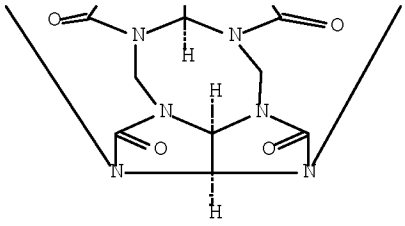


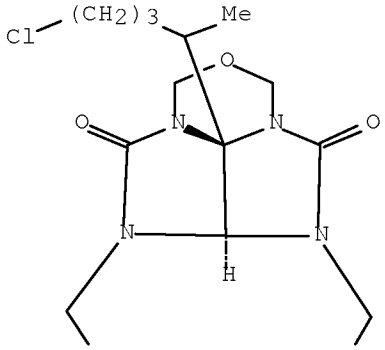
PAGE 3-A



RN 848440-49-3 HCAPLUS
CN 1H,3H,4H,5H,6H,7H,9H,10H,11H,12H-2,8-Dioxa-3a,4a,5a,6a,9a,10a,11a,12a-octaazadibenzo[gh,g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-4,6,10,12-tetrone, 10c,12b-bis(4-chloro-1-methylbutyl)tetrahydro-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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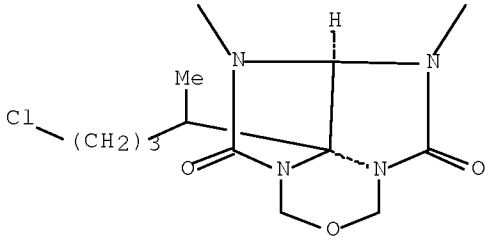
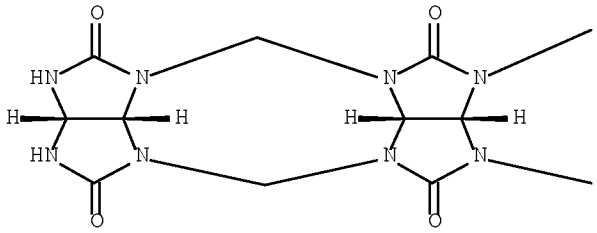


RN 848440-51-7 HCAPLUS
CN 5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-Eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe

ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21(2H,3H,13H,14H)-decone,
19b-(4-chloro-1-methylbutyl)decahydro-, stereoisomer (9CI) (CA INDEX
NAME)

Relative stereochemistry.

PAGE 1-A



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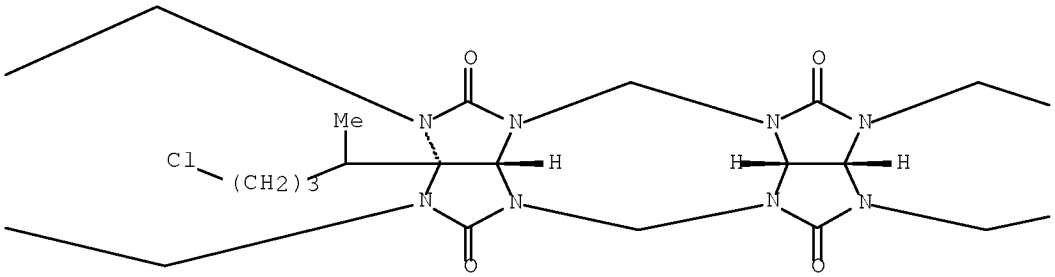
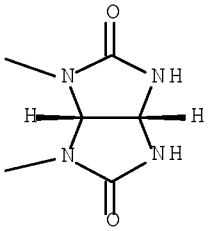


PAGE 1-C

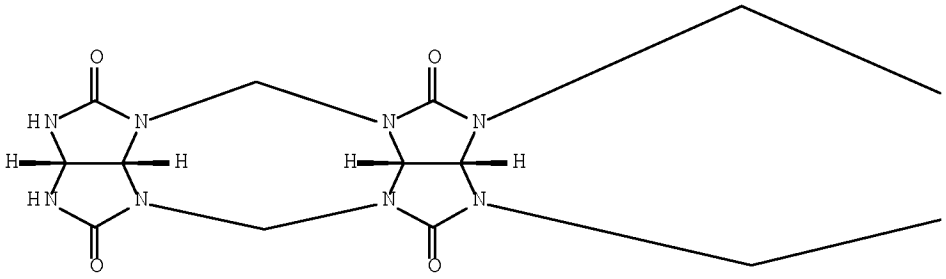


RN 848440-52-8 HCAPLUS
CN 5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
Eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21(2H,3H,13H,14H)-decone,

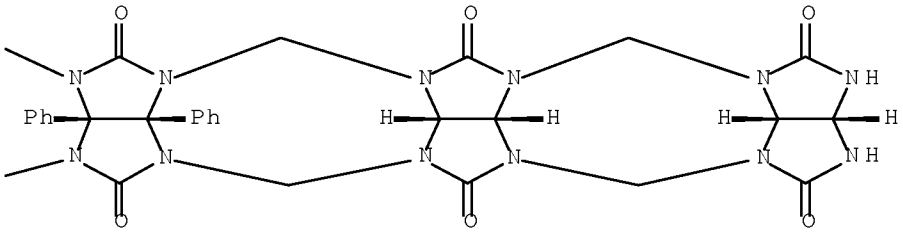
decahydro-19b,19c-diphenyl-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A

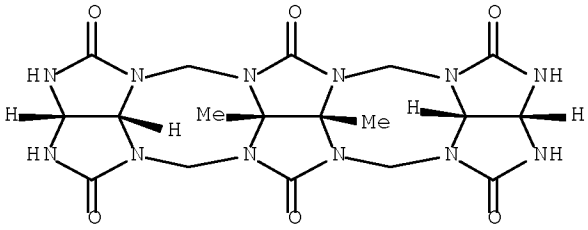


PAGE 1-B



RN 848440-55-1 HCAPLUS
CN 5H,6H,7H,12H,13H,14H-2,3,4a,5a,6a,7a,9,10,11a,12a,13a,14a-Dodecaazabispentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,11,13(2H,3H,9H,10H)-hexone, hexahydro-13b,13c-dimethyl-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

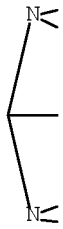


RN 848440-56-2 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-

g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone,
dodecahydro-2a,21b,21c,26b-tetramethyl-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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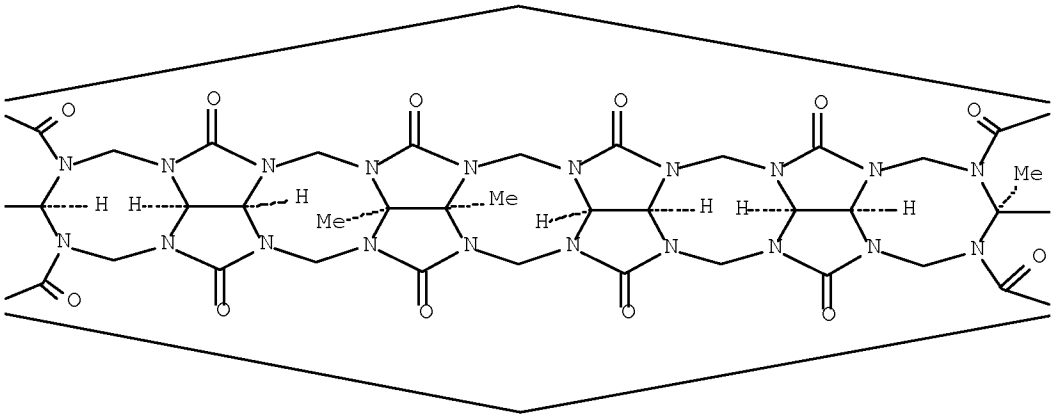
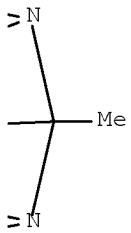


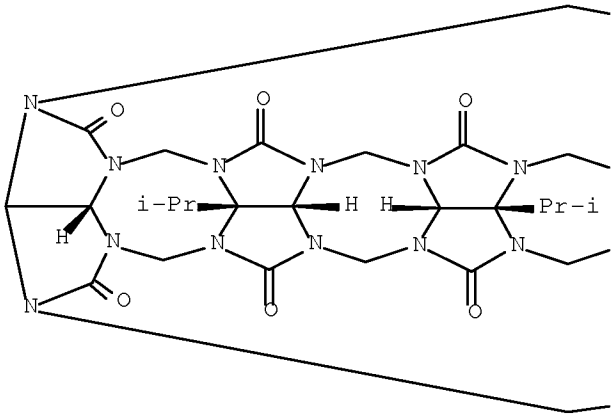
PAGE 1-C



RN 848440-57-3 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone,
dodecahydro-2a,19c,21b,25c-tetrakis(1-methylethyl)-, stereoisomer (9CI)
(CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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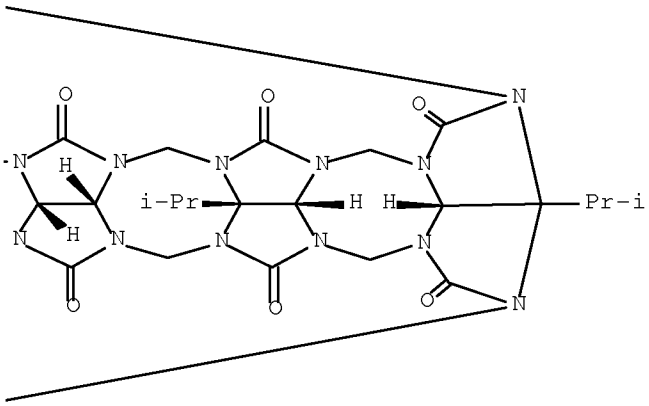
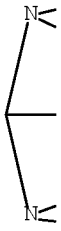


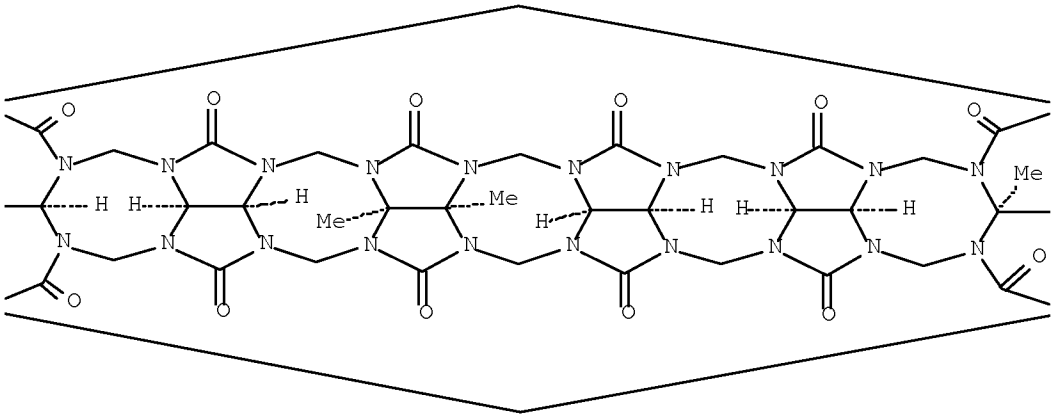
RN 848440-58-4 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone,
dodecahydro-2a,21b,21c-trimethyl-26b-phenyl-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 1-B



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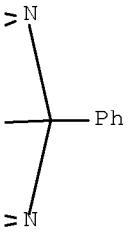
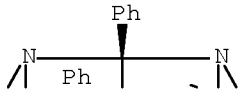


RN 848440-59-5 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-2a,22b-diphenyl-, stereoisomer
(9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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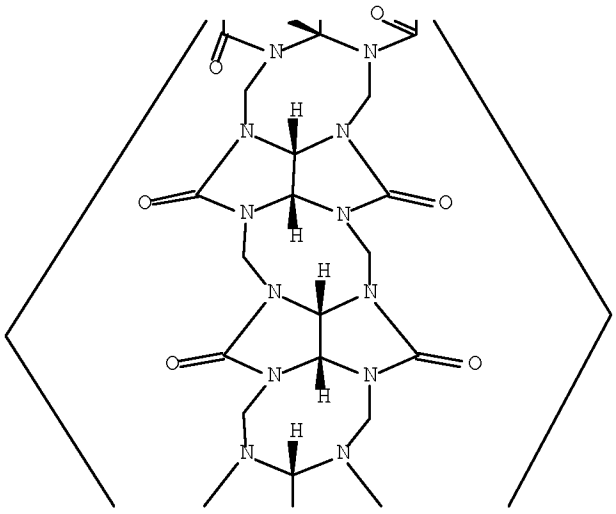

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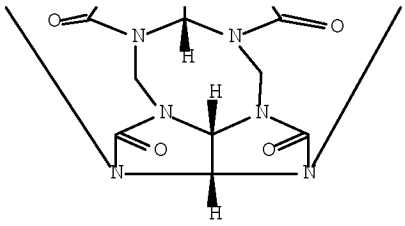

RN 848440-61-9 HCAPLUS
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2''''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-2a,21b,21c,25b,25c,30b-hexamethyl-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

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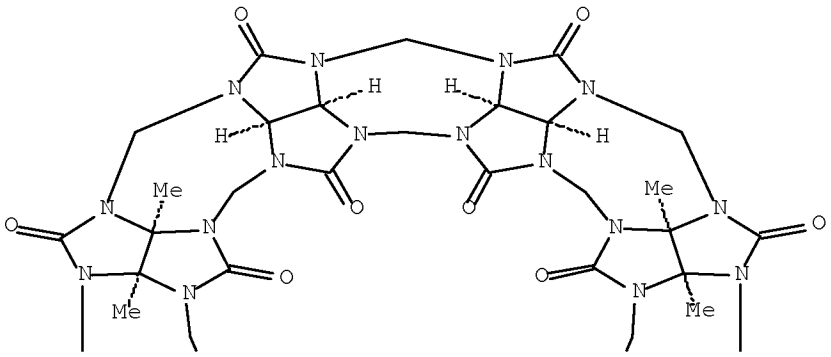

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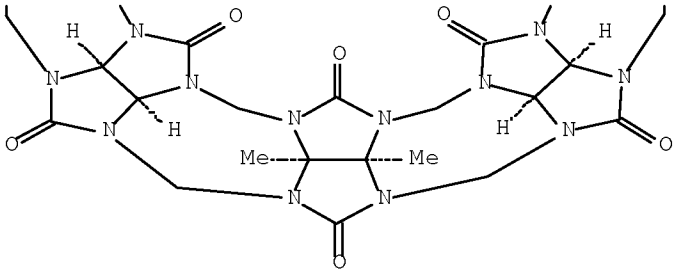
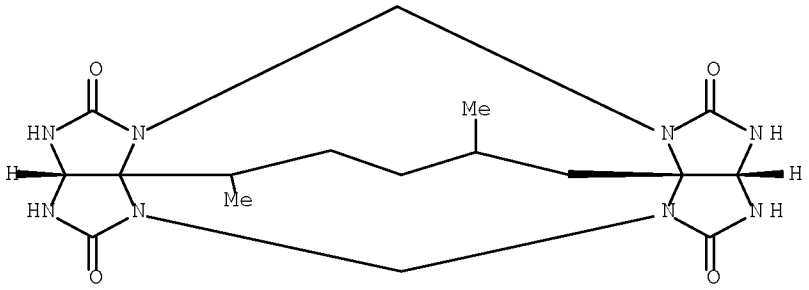


RN 848491-90-7 HCAPLUS
CN 2H,9H-1,13-Methano-7H,14H-diimidazo[4',5':4,5]imidazo[1,5-c:5',1'-j][1,3]diazecine-2,5,9,12-tetrone, decahydro-14,17-dimethyl- (CA INDEX NAME)

Relative stereochemistry.



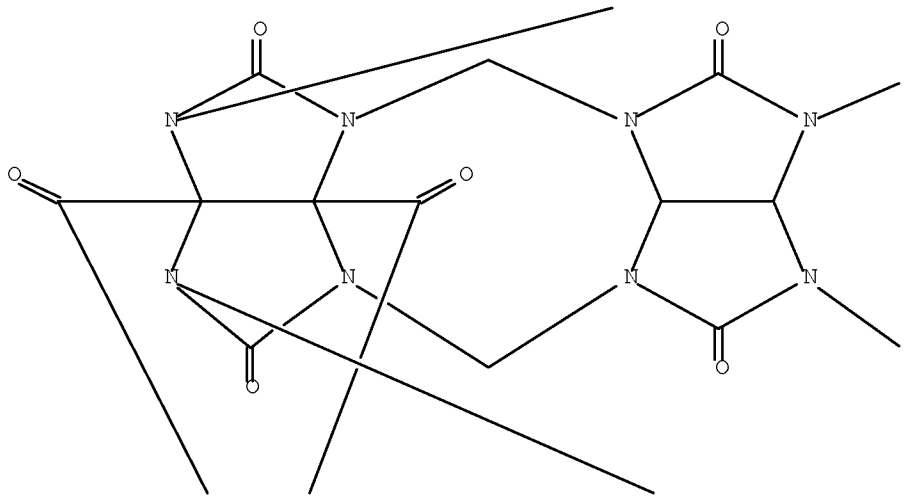
RN 848491-91-8 HCAPLUS
CN 1H,4H,14H,17H-2a,26b:21b,21c-Bis(methaniminomethano)-2,16:3,15-dimethano-5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,17,19,21,23,25,27,29,30,32-hexadecone, 28,31-dibutyloctahydro-, stereoisomer (9CI) (CA INDEX NAME)

PAGE 1-A

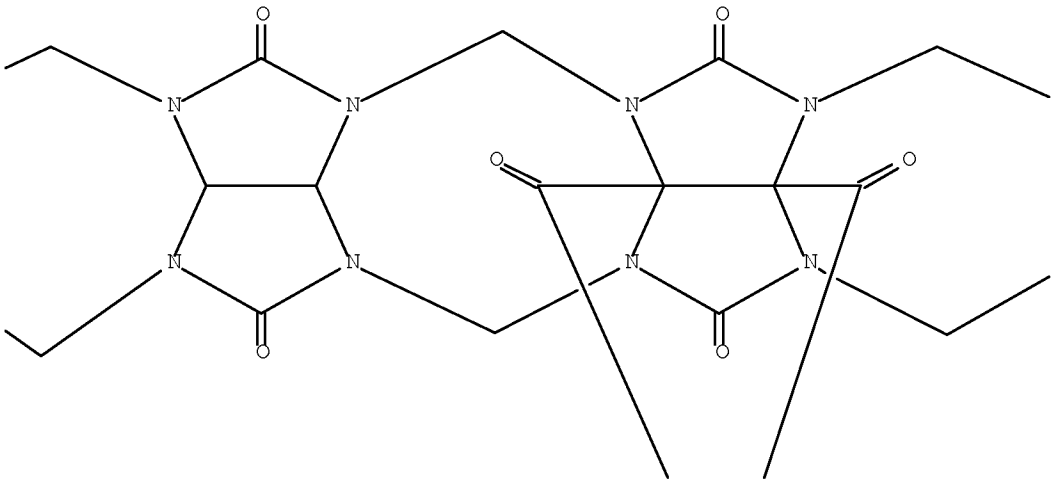
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

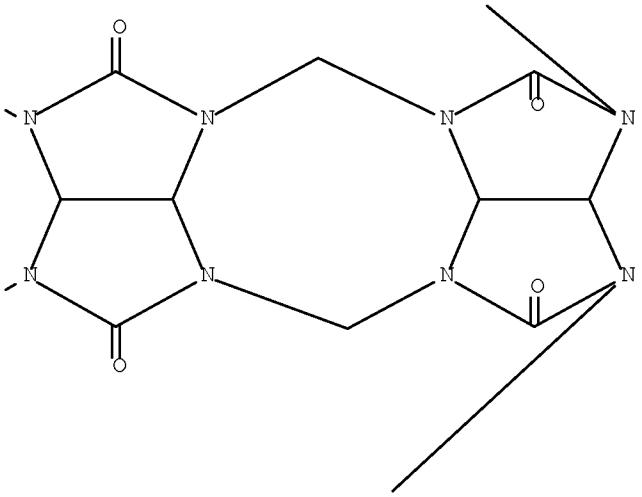
PAGE 2-A



PAGE 2-B

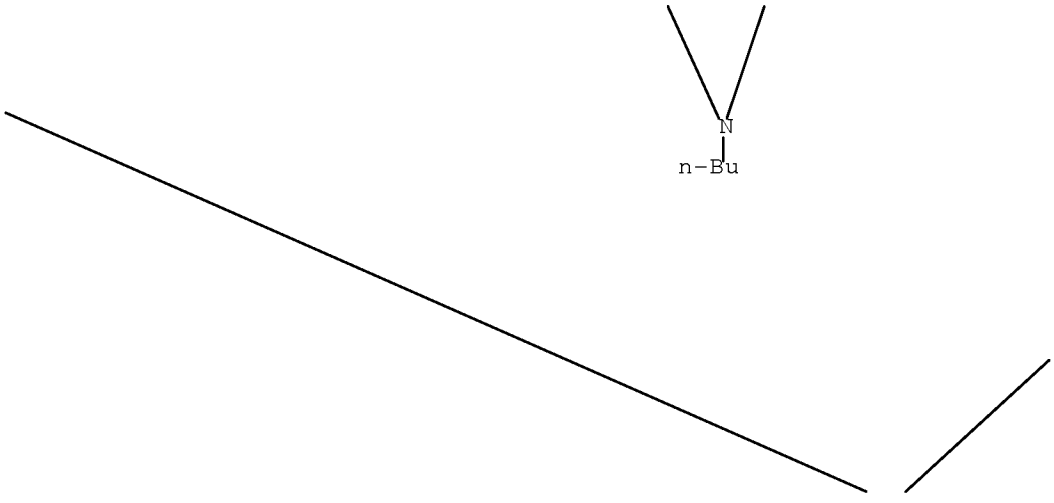


PAGE 2-C

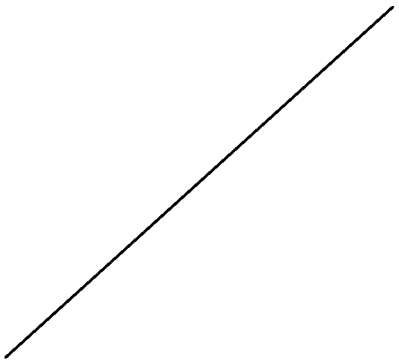


PAGE 3-A

PAGE 3-B



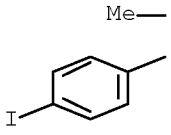
PAGE 3-C



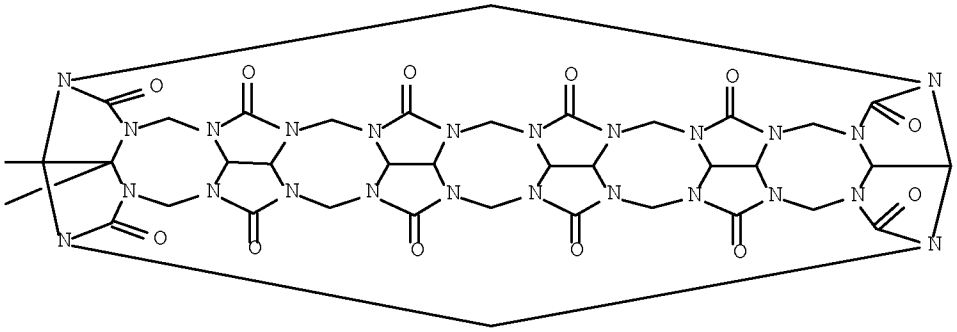
PAGE 4-B

RN 848491-92-9 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24
a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2''
,3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-
g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-2a,21b(or
2a,21c)-bis(4-iodophenyl)-21c,26b(or 21b,26b)-dimethyl-, stereoisomer
(9CI) (CA INDEX NAME)

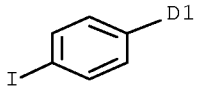
PAGE 1-A



PAGE 1-B



PAGE 2-A



D1—Me

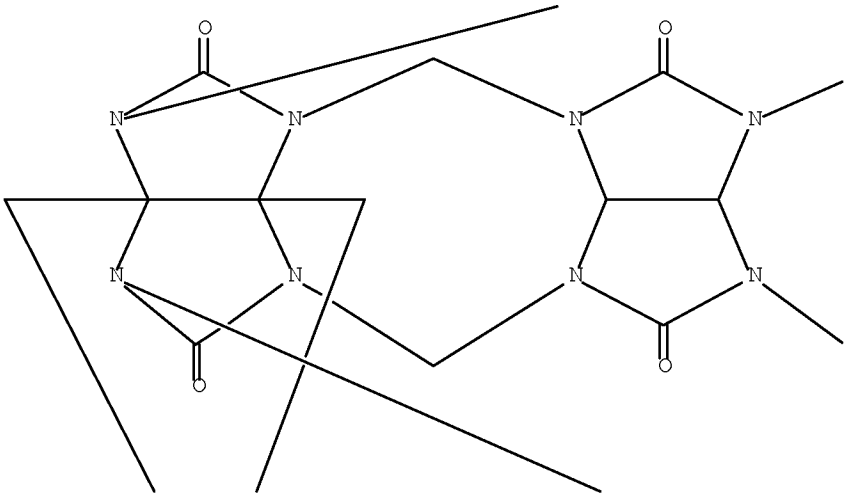
RN 848491-93-0 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-2a,26b:21b,21c-dipropano-5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,17,19,21,23,25-dodecone, octahydro-, stereoisomer (9CI) (CA INDEX NAME)

PAGE 1-A

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

PAGE 2-A



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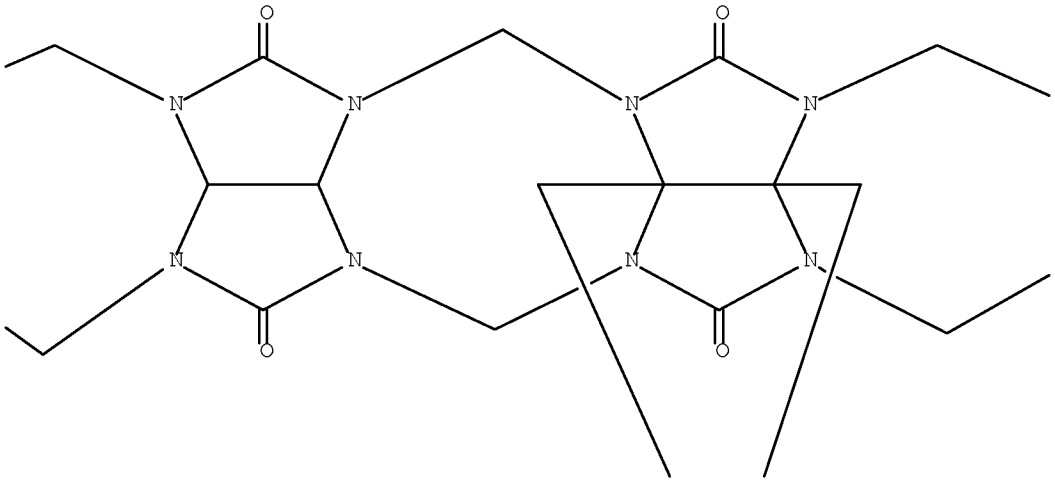
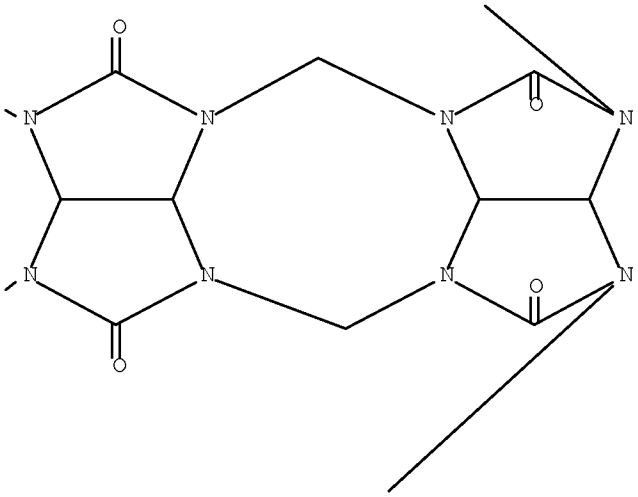
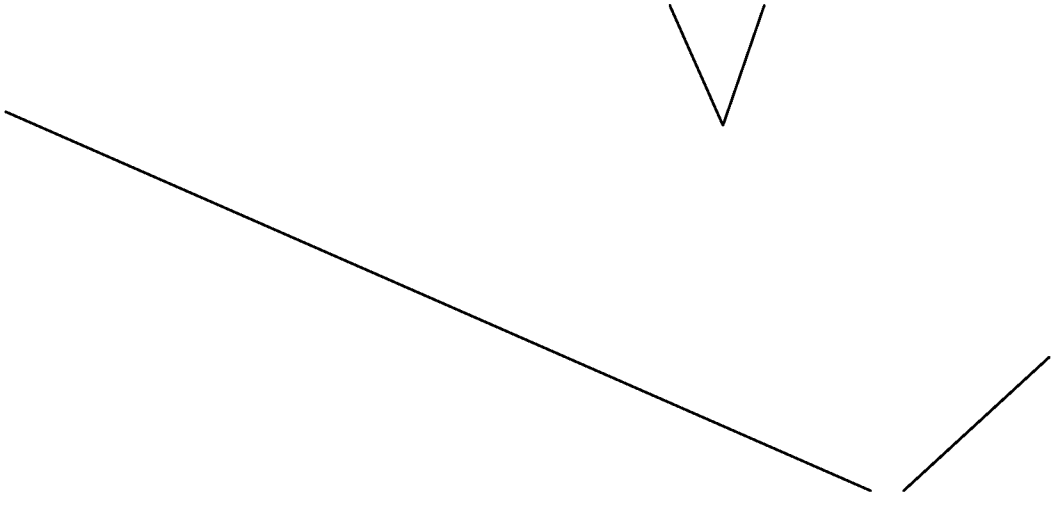


PAGE 2-C



PAGE 3-A

PAGE 3-B



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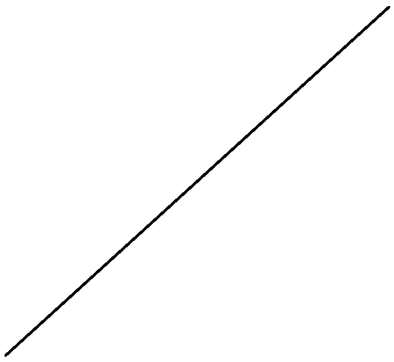
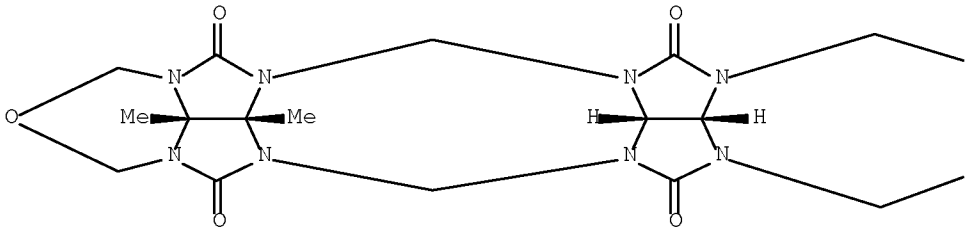


PAGE 4-B

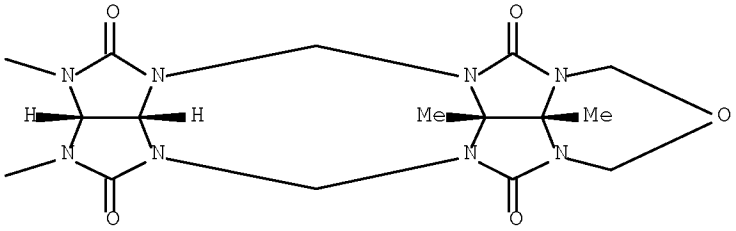
RN 865813-91-8 HCAPLUS
CN 1H,3H,4H,5H,6H,7H,8H,9H,10H,11H,13H,14H,15H,16H,17H,18H,19H,20H-2,12-Dioxa-3a,4a,5a,6a,7a,8a,9a,10a,13a,14a,15a,16a,17a,18a,19a,20a-hexadecaazabisbenzo[3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-4,6,8,10,14,16,18,20-octone, octahydro-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



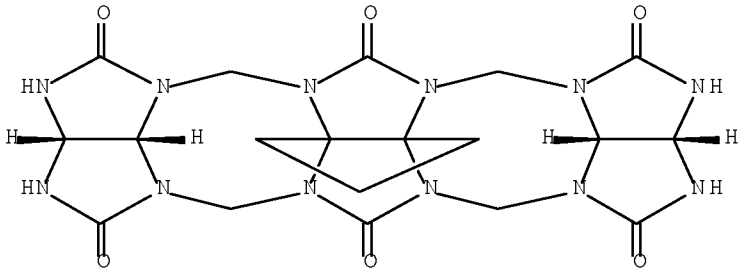
PAGE 1-B



RN 865813-92-9 HCAPLUS

CN 12H,18H-13,17-Methano-5H,6H,7H,14H-2,3,4a,5a,6a,7a,9,10,11a,13,17,18a-dodecaazabispentaleno[1',6':4,5,6]cycloocta[2,1-c:1',2'-h]pentalene-1,4,6,8,11,15(2H,3H,9H,10H,16H)-hexone, tetrahydro-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

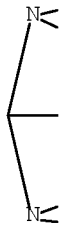


OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

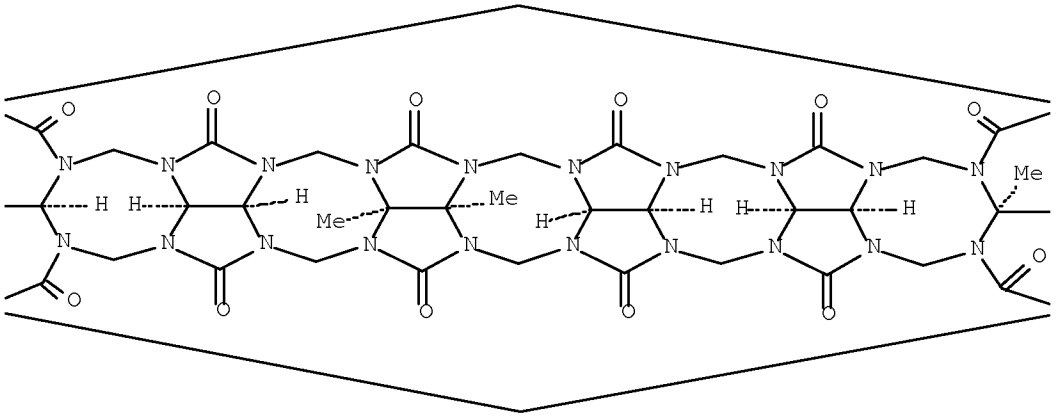
L44 ANSWER 6 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:684964 HCAPLUS Full-text
DN 143:7687
TI Synthesis of a symmetrical tetrasubstituted cucurbit[6]uril and its host-guest inclusion complex with 2,2'-bipyridine
AU Zhao, Yunjie; Xue, Saifeng; Zhu, Qianjiang; Tao, Zhu; Zhang, Jianxin; Wei, Zhanbin; Long, Lasheng; Hu, Maolin; Xiao, Hongping; Day, Anthony I.
CS Institute of Applied Chemistry, Guizhou University, Guiyang, 550025, Peop. Rep. China
SO Chinese Science Bulletin (2004), 49(11), 1111-1116
CODEN: CSBUEF; ISSN: 1001-6538
PB Science in China Press
DT Journal
LA English
OS CASREACT 143:7687
AB Synthesis of a sym. tetramethylcucurbit[6]uril (TMeQ[6]) has been achieved by using the diether of dimethylglycoluril and the dimer of glycoluril. The structure of TMeQ[6] has been determined by single crystal X-ray diffraction, 1H NMR spectroscopy and ESMS. The 1H NMR spectra of 2,2'-bipyridine added to TMeQ[6] reveal that the host-guest inclusion complex was easily formed.
IT 848440-56-2P
RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)
(preparation and crystal structure of sym. tetrasubstituted cucurbit[6]uril and its host-guest inclusion complex with bipyridine)
RN 848440-56-2 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-2a,21b,21c,26b-tetramethyl-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

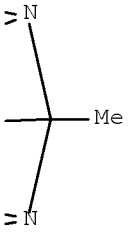
PAGE 1-A



PAGE 1-B

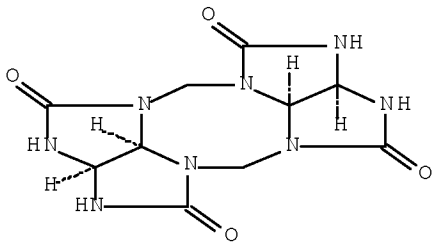


PAGE 1-C



IT 848440-50-6
RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation and crystal structure of sym. tetrasubstituted cucurbit[6]uril and its host-guest inclusion complex with bipyridine)
RN 848440-50-6 HCAPLUS
CN 5H,10H-2,3,4a,5a,7,8,9a,10a-Octaazacycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,9(2H,3H,7H,8H)-tetrone, tetrahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

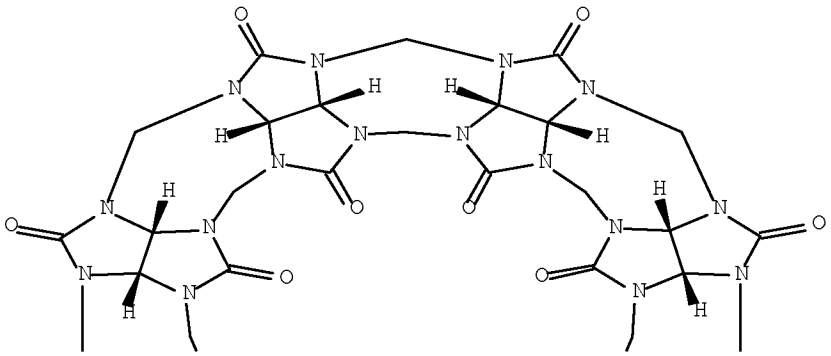


OSC.G 43 THERE ARE 43 CAPLUS RECORDS THAT CITE THIS RECORD (43 CITINGS)
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

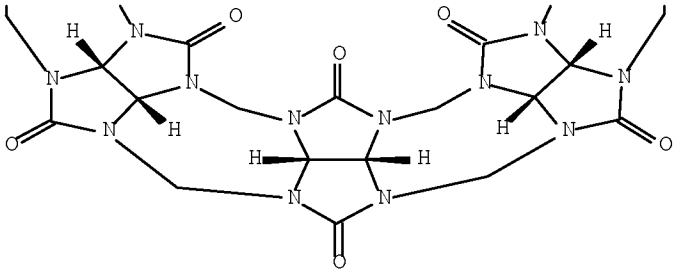
L44 ANSWER 7 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:460911 HCAPLUS Full-text
DN 141:199653
TI Multi-nuclear platinum complexes encapsulated in cucurbit[n]uril as an approach to reduce toxicity in cancer treatment
AU Wheate, Nial J.; Day, Anthony I.; Blanch, Rodney J.; Arnold, Alan P.; Cullinane, Carleen; Collins, J. Grant
CS Department of Defence, Joint Health Support Agency, Campbell, Australia
SO Chemical Communications (Cambridge, United Kingdom) (2004), (12), 1424-1425
CODEN: CHCOFS; ISSN: 1359-7345
PB Royal Society of Chemistry
DT Journal
LA English
AB The dinuclear platinum complex trans-[{Pt(NH3)2Cl}2μ-dpzm]2+ (di-Pt) binds inside cucurbit[7]uril with slow exchange kinetics which does not significantly affect the cytotoxicity of the dinuclear complex but reactivity at the platinum center is reduced.
IT 259886-50-5D, Cucurbit[7]uril, complexes with multinuclear platinum compds.
RL: ADV (Adverse effect, including toxicity); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(multinuclear platinum complexes encapsulated in cucurbit[n]uril as approach to reduce toxicity in cancer treatment)
RN 259886-50-5 HCAPLUS
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1'''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A



OSC.G 45 THERE ARE 45 CAPLUS RECORDS THAT CITE THIS RECORD (45 CITINGS)
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L44 ANSWER 8 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:726647 HCAPLUS Full-text
DN 139:364581
TI Host Properties of Cucurbit[7]uril: Fluorescence Enhancement of Anilinonaphthalene Sulfonates
AU Wagner, Brian D.; Stojanovic, Natasa; Day, Anthony I.; Blanch, Rodney J.
CS Department of Chemistry, University of Prince Edward Island, Charlottetown, PE, C1A 4P3, Can.
SO Journal of Physical Chemistry B (2003), 107(39), 10741-10746
CODEN: JPCBFK; ISSN: 1520-6106
PB American Chemical Society
DT Journal
LA English
AB This work describes the fluorescence enhancement of the probes 2,6- and 1,8-ANS via complexation with the macrocyclic host cucurbit[7]uril (Q7). The

association of these two guests with the Q7 host has been studied using fluorescence, 1H NMR spectroscopy, and mol. modeling. In the case of 2,6-ANS, 1:1 inclusion complexes are formed via inclusion of the Ph moiety into the Q7 cavity (as confirmed by NMR), with a large fluorescence enhancement of a factor of 25 ± 3 and an association constant of 600 ± 150 M-1. These values are significantly larger than those reported in the literature for 2,6-ANS inclusion into cucurbit[6]uril (Q6); for example, the association constant is larger by over an order of magnitude, indicating the superior host abilities of Q7 as compared to its smaller homolog. These results are significant, as they provide the first direct comparison of the host abilities of Q6 and Q7. In the case of 1,8-ANS, very large fluorescence enhancement was also observed upon addition of Q7. The enhancement as a function of Q7 concentration indicated the formation of a 2:1 host:guest complex. However, host-guest inclusion was not observed via NMR. Thus, a 2:1 complex where 1,8-ANS is sandwiched between the outer surface of two Q7 mols. is proposed. Such complexation is supported by semiempirical PM3 calcns., and the resulting minimized structures are reminiscent of the structure of the solid exclusion compound of 1,8-ANS and Q6 previously reported in the literature.

IT 620161-23-1 620161-24-2
RL: FMU (Formation, unclassified); PRP (Properties); FORM (Formation, nonpreparative)
(inclusion complex; fluorescence enhancement of anilinonaphthalene sulfonates via complexation by macrocyclic host cucurbit[7]uril)

RN 620161-23-1 HCAPLUS

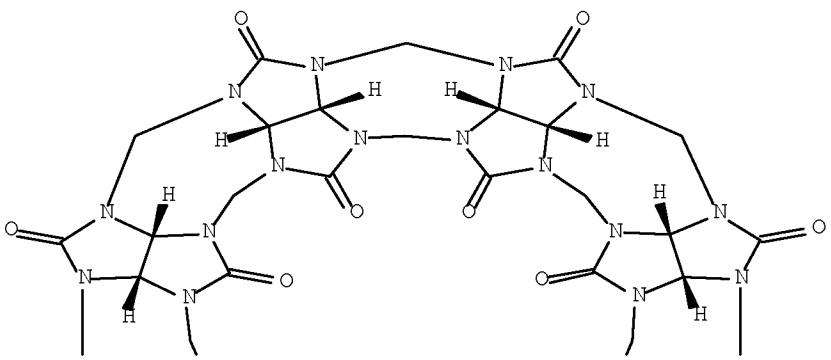
CN 1-Naphthalenesulfonic acid, 8-(phenylamino)-, compd. with stereoisomer of tetradecahydro-2,18:3,17-dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalenetetradecone (2:1) (9CI) (CA INDEX NAME)

CM 1

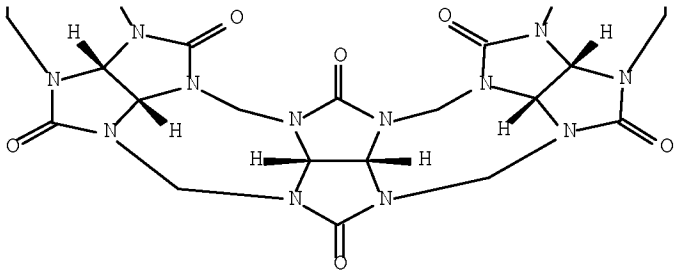
CRN 259886-50-5
CMF C42 H42 N28 O14

Relative stereochemistry.

PAGE 1-A

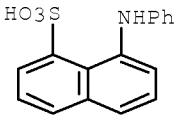


PAGE 2-A



CM 2

CRN 82-76-8
CMF C16 H13 N O3 S



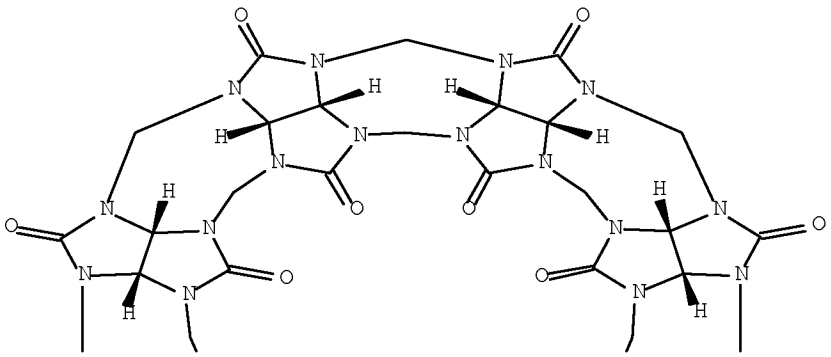
RN 620161-24-2 HCAPLUS
CN 2-Naphthalenesulfonic acid, 6-(phenylamino)-, compd. with stereoisomer of tetradecahydro-2,18:3,17-dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1'''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2''''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalenetetradecone (1:1) (9CI) (CA INDEX NAME)

CM 1

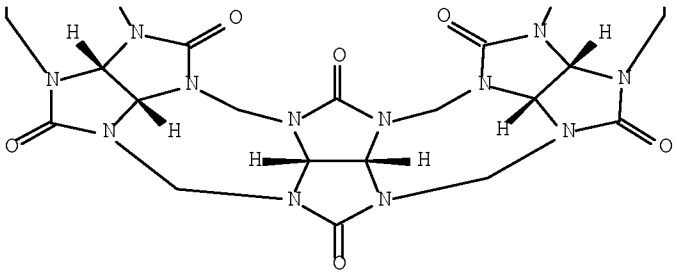
CRN 259886-50-5
CMF C42 H42 N28 O14

Relative stereochemistry.

PAGE 1-A

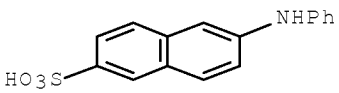


PAGE 2-A



CM 2

CRN 20096-53-1
CMF C16 H13 N O3 S

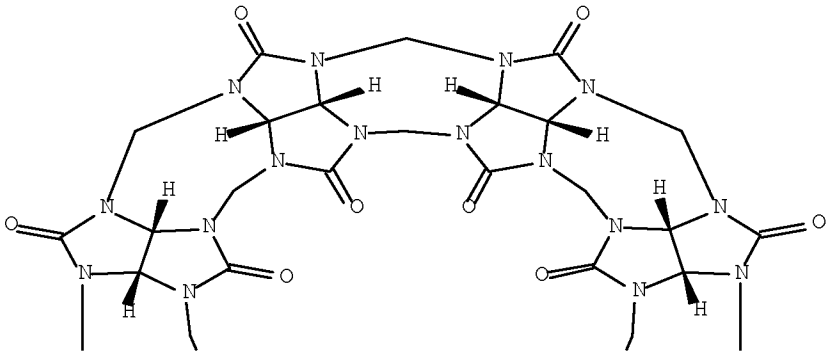


IT 259886-50-5, Cucurbit[7]uril
RL: CPS (Chemical process); PEP (Physical, engineering or chemical process); RCT (Reactant); PROC (Process); RACT (Reactant or reagent)
(macrocyclic host; fluorescence enhancement of anilinonaphthalene sulfonates via complexation by macrocyclic host cucurbit[7]uril)
RN 259886-50-5 HCAPLUS
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2'

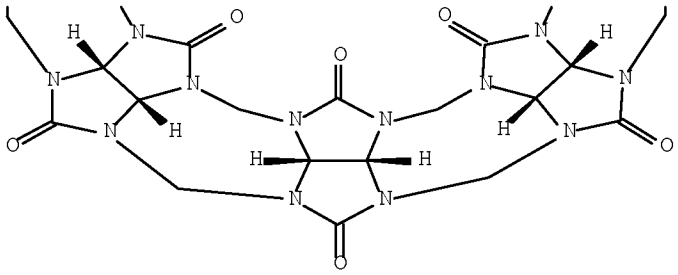
'''',3''''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A



OSC.G 50 THERE ARE 50 CAPLUS RECORDS THAT CITE THIS RECORD (50 CITINGS)
RE.CNT 46 THERE ARE 46 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L44 ANSWER 9 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:590408 HCAPLUS Full-text
DN 139:135453
TI Cucurbiturils and method for binding gases and volatiles using cucurbiturils
IN Day, Anthony Ivan; Arnold, Alan Peter; Blanch, Rodney John
PA Unisearch Limited, Australia
SO U.S. Pat. Appl. Publ., 12 pp., Cont.-in-part of U. S. Ser. No. 999,770.
CODEN: USXXCO
DT Patent
LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20030140787	A1	20030731	US 2002-301874	20021122 <--
	US 6869466	B2	20050322		
	WO 2000068232	A1	20001116	WO 2000-AU412	20000505 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 6793839	B1	20040921	US 2002-959770	20020107 <--
	AU 2002302117	A1	20030320	AU 2002-302117	20021122 <--
	AU 2002302117	B2	20060810		
	IN 2006DE02152	A	20070907	IN 2006-DE2152	20060928 <--
PRAI	AU 1999-232	A	19990507 <--		
	WO 2000-AU412	W	20000505 <--		
	AU 2001-9031	A	20011122 <--		
	US 2002-959770	A2	20020107 <--		
	AU 2000-43851	A	20000505 <--		
	IN 2000-DE485	A3	20000508 <--		

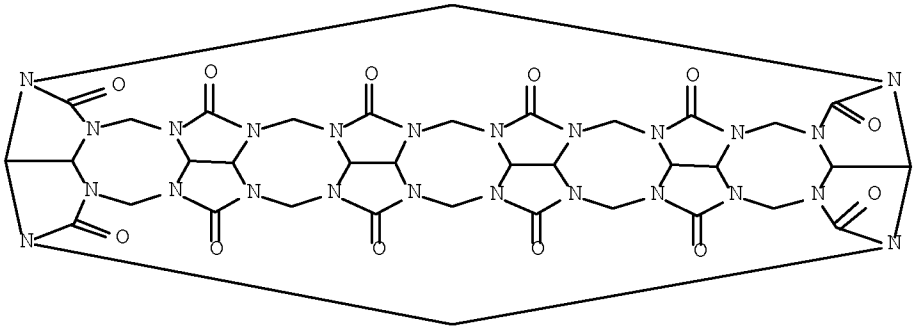
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

AB Gases or volatile compds. are bound by cucurbiturils as a cucurbituril-gas/volatile complex. The gases or volatile compds. can be separated from a mixture of compds. by contacting the mix with a cucurbituril whereby at least some of the gas or volatile compound is bound to the cucurbituril to form a cucurbituril complex, followed by the release of at least some of the bound gas or volatile compound from that complex. The use of cucurbiturils in binding gases and volatile compds. is suitable for storage, safety, delivery or other uses, such as the trapping of an unpleasant or toxic gas or volatile compound

IT 80262-44-8, Cucurbituril 143902-45-8, Decamethylcucurbit [5]uril 259886-49-2, Cucurbit[5]uril 283175-97-3, Cucurbit [6]uril 569359-77-9 569363-90-2 569363-91-3
RL: TEM (Technical or engineered material use); USES (Uses)
(cucurbiturils and method for binding gases and volatiles using cucurbiturils)

RN 80262-44-8 HCAPLUS

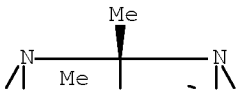
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro- (CA INDEX NAME)



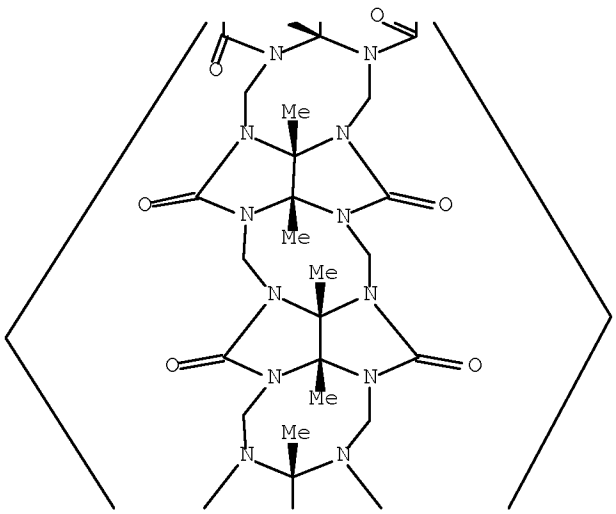
RN 143902-45-8 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-
2a,13a,15b,16b,17b,18b,19b,20b,21b,22b-decamethyl-, stereoisomer (CA
INDEX NAME)

Relative stereochemistry.

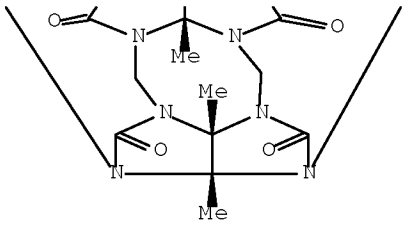
PAGE 1-A



PAGE 2-A



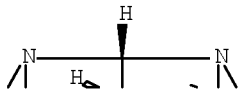
PAGE 3-A



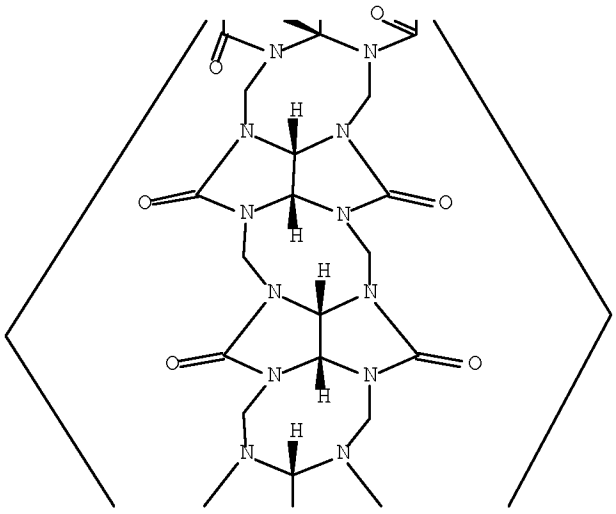
RN 259886-49-2 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-, stereoisomer (CA INDEX
NAME)

Relative stereochemistry.

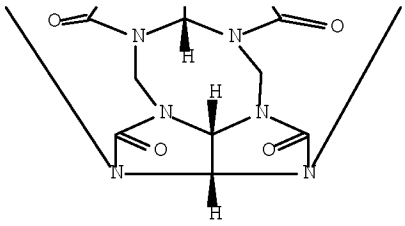
PAGE 1-A



PAGE 2-A



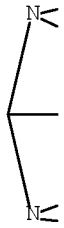
PAGE 3-A



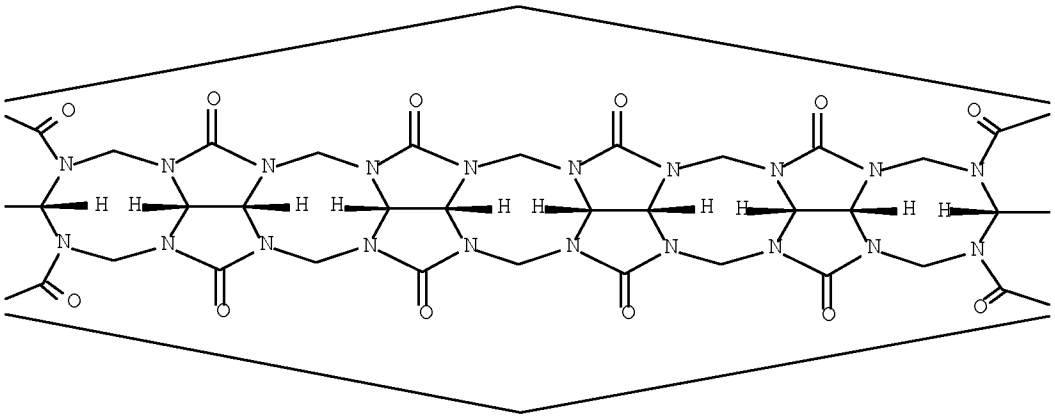
RN 283175-97-3 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24
a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2''
,3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-
g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer (CA
INDEX NAME)

Relative stereochemistry.

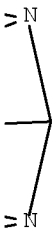
PAGE 1-A



PAGE 1-B



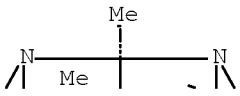
PAGE 1-C



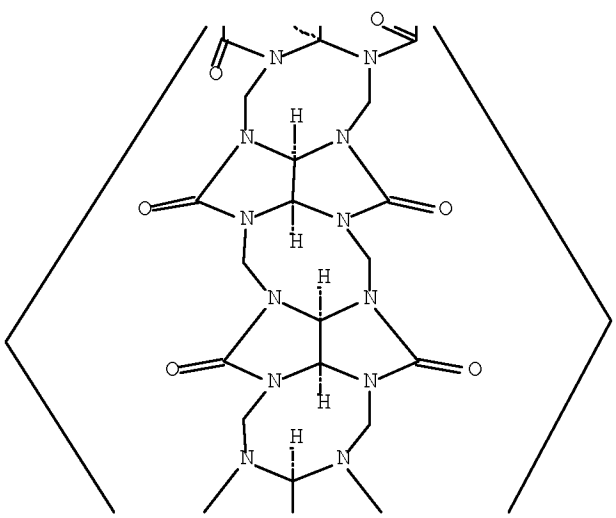
RN 569359-77-9 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-2a,22b-dimethyl-, stereoisomer
(CA INDEX NAME)

Relative stereochemistry.

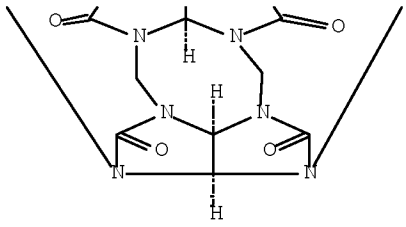
PAGE 1-A



PAGE 2-A

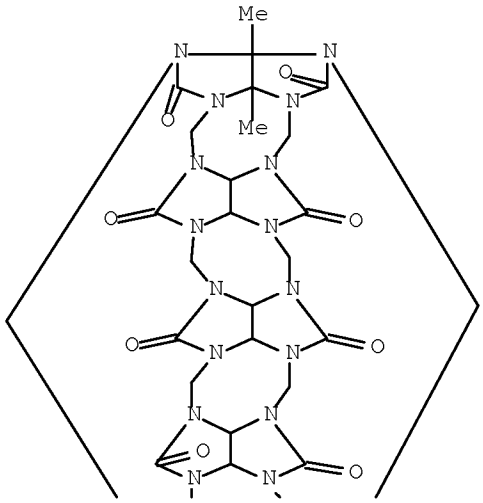


PAGE 3-A

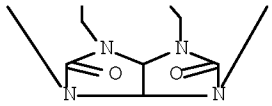


RN 569363-90-2 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-2a,13a,15b,22b(or
2a,17b,17c,22b)-tetramethyl-, stereoisomer (9CI) (CA INDEX NAME)

PAGE 1-A

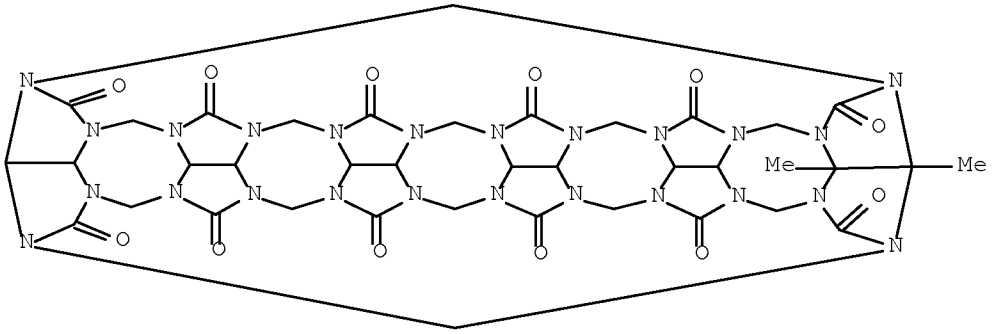


PAGE 2-A



2 (D1— Me)

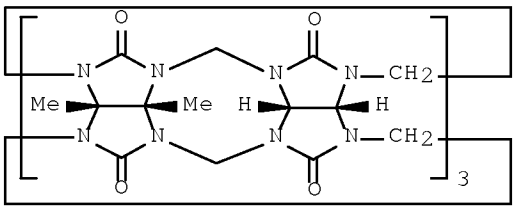
RN 569363-91-3 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24
a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2''
,3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-
g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone,
dodecahydro-2a,26b,?,?,?,?-hexamethyl-, stereoisomer (9CI) (CA INDEX
NAME)



4 (D1—Me)

OSC.G 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L44 ANSWER 10 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:316145 HCAPLUS Full-text
DN 140:77122
TI A method for synthesizing partially substituted cucurbit[n]uril
AU Day, Anthony I.; Arnold, Alan P.; Blanch, Rodney J.
CS School of Chemistry, University College (UNSW), Australian Defence Force Academy, Canberra, ACT 2600, Australia
SO Molecules (2003), 8(1), 74-84
CODEN: MOLEFW; ISSN: 1420-3049
URL: http://www.mdpi.org/molecules/papers/80100074.pdf
PB Molecular Diversity Preservation International
DT Journal; (online computer file)
LA English
OS CASREACT 140:77122
GI



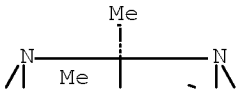
I

AB A novel approach to cucurbituril synthesis is described where partial substitution is introduced into cucurbit[n]uril. The identification of homologs (and their substitution) in reaction mixts. is achieved by a combination of ESMS and the use of the mol. probes (guests) 1,4-dioxane and 1,9-octanediamine. A unique sym. hexamethylcucurbit[3,3]uril (I), the major product, was isolated and characterized.
IT 569359-77-9P 640732-36-1P 640732-37-2P
640732-38-3P
RL: SPN (Synthetic preparation); PREP (Preparation)
(cyclocondensation of glycouril and its dimethyltetracyclic ether in preparation of partially substituted cucurbituril cyclic oligomers)
RN 569359-77-9 HCAPLUS

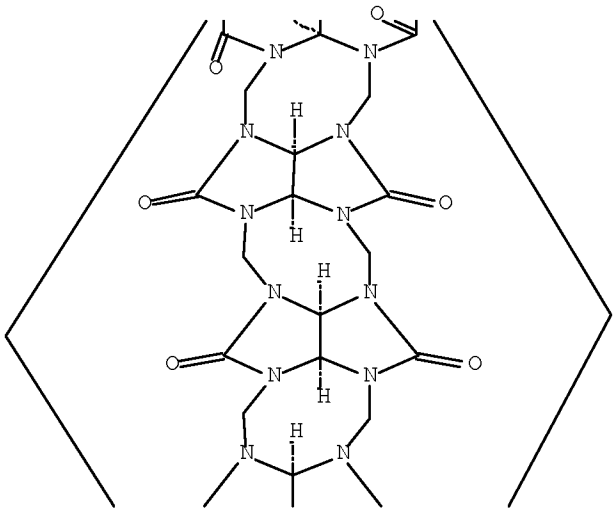
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-2a,22b-dimethyl-, stereoisomer
(CA INDEX NAME)

Relative stereochemistry.

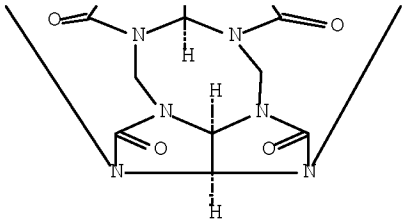
PAGE 1-A



PAGE 2-A



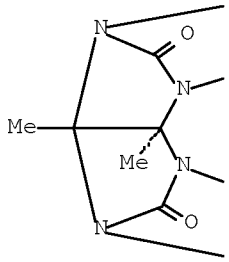
PAGE 3-A



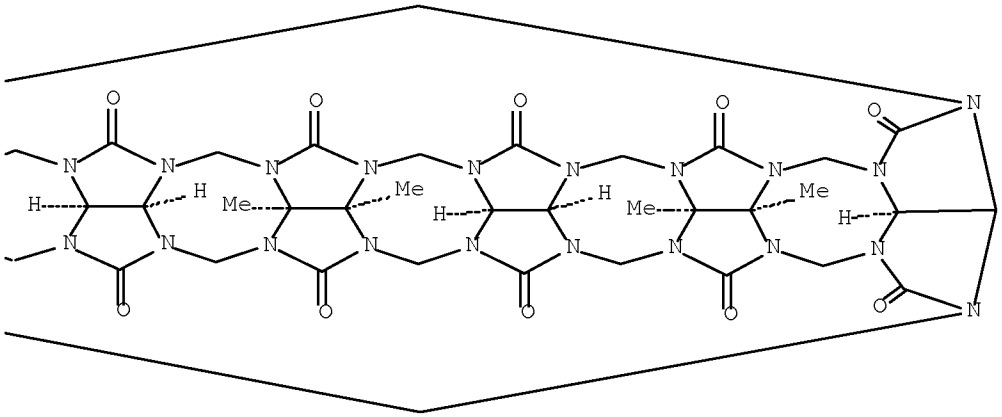
RN 640732-36-1 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24
a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2''
,3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-
g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone,
dodecahydro-2a,19b,19c,23b,23c,26b-hexamethyl-, stereoisomer (CA INDEX
NAME)

Relative stereochemistry.

PAGE 1-A



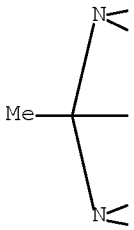
PAGE 1-B



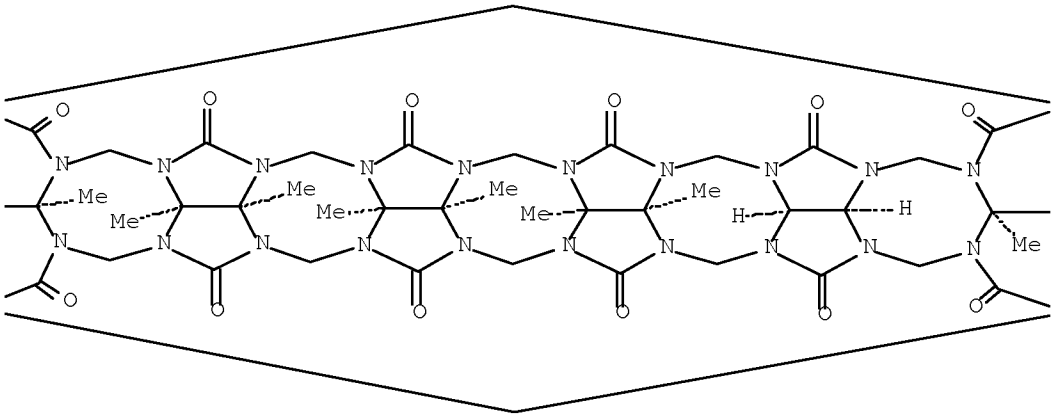
RN 640732-37-2 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone,
dodecahydro-2a,15a,17b,19b,19c,21b,21c,23b,23c,26b-decamethyl-,
stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

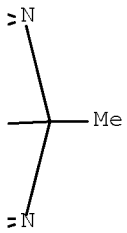
PAGE 1-A



PAGE 1-B



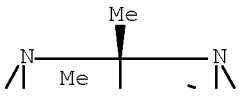
PAGE 1-C



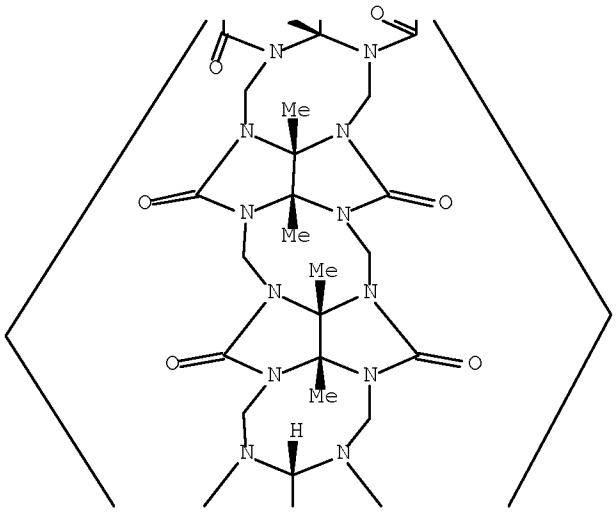
RN 640732-38-3 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-2a,13a,15b,17b,17c,19b,19c,22b-
octamethyl-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

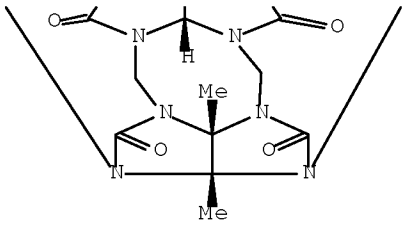
PAGE 1-A



PAGE 2-A



PAGE 3-A



OSC.G 47 THERE ARE 47 CAPLUS RECORDS THAT CITE THIS RECORD (47 CITINGS)
RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L44 ANSWER 11 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2003:44731 HCAPLUS Full-text
DN 138:368812
TI The Effects of Alkali Metal Cations on Product Distributions in Cucurbit[n]uril Synthesis
AU Day, Anthony I.; Blanch, Rodney J.; Coe, Andrew; Arnold, Alan P.
CS University College (UNSW), School of Chemistry, Australian Defence Force Academy, Canberra, ACT 2600, Australia
SO Journal of Inclusion Phenomena and Macrocyclic Chemistry (2002), 43(3-4), 247-250
CODEN: JIPCF5; ISSN: 1388-3127
PB Kluwer Academic Publishers
DT Journal
LA English
OS CASREACT 138:368812
AB Alkali metal cations act as templates in the synthesis of cucurbit[n]urils, Q[n], for n = 5-8, either from a preformed oligomer precursor, or directly from glycoluril and formaldehyde. Q[5] has been synthesized and isolated as an unusual, water-insol. potassium salt complex. The formation of this new

complex is a convenient method for isolating Q[5] as a salt from Q[n] mixts. The complex is a convenient, high yielding source of Q[5].

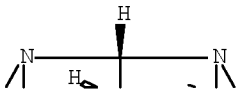
IT 259886-49-2P, Cucurbit[5]uril 259886-50-5P, Cucurbit[7]uril 259886-51-6P, Cucurbit[8]uril 283175-97-3P, Cucurbit[6]uril
RL: SPN (Synthetic preparation); PREP (Preparation)
(effects of alkali metal cations on product distributions in cucurbit[n]uril synthesis)

RN 259886-49-2 HCAPLUS

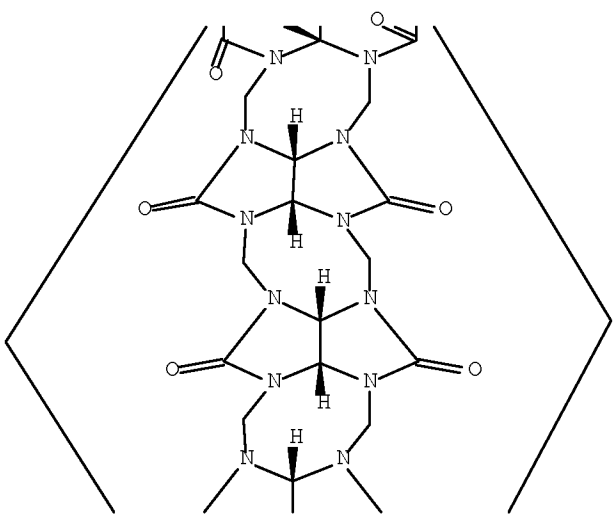
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21-decone, decahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

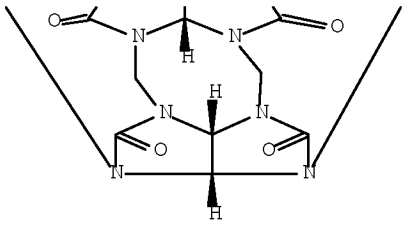
PAGE 1-A



PAGE 2-A



PAGE 3-A

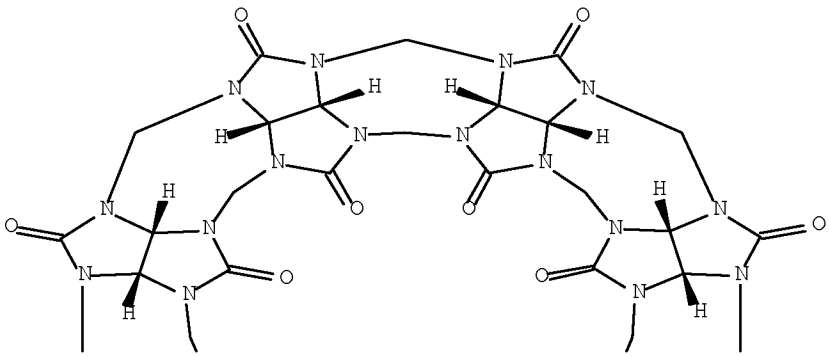


RN 259886-50-5 HCAPLUS

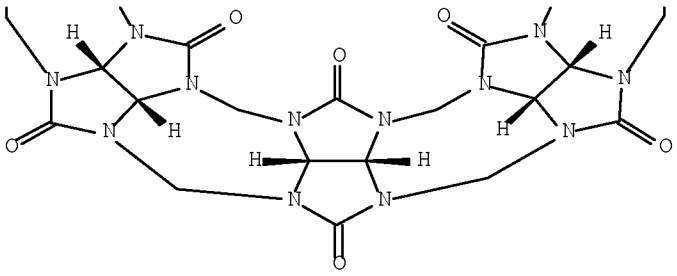
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

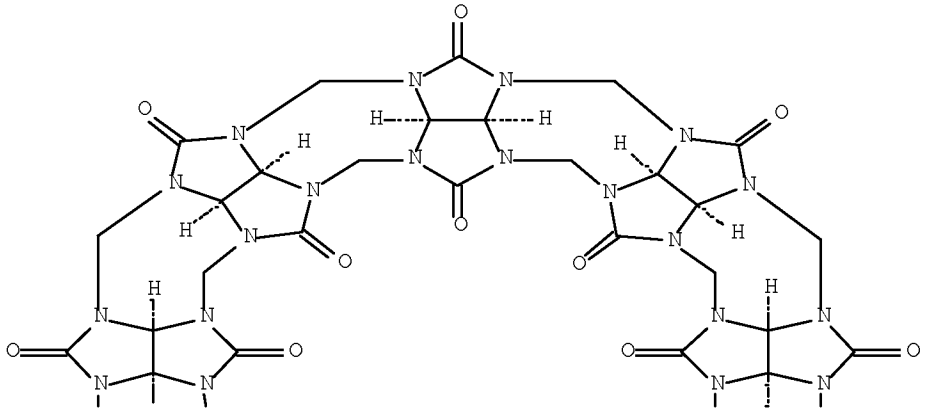


RN 259886-51-6 HCAPLUS

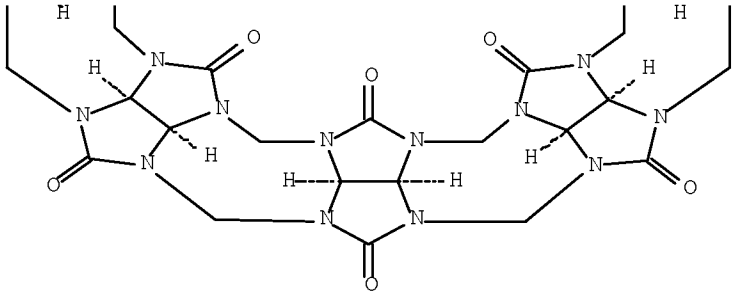
CN 2,20:3,19-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,16,18,21,23,25,27,29,31,33-hexadecone, hexadecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



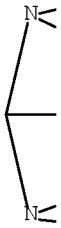
PAGE 2-A



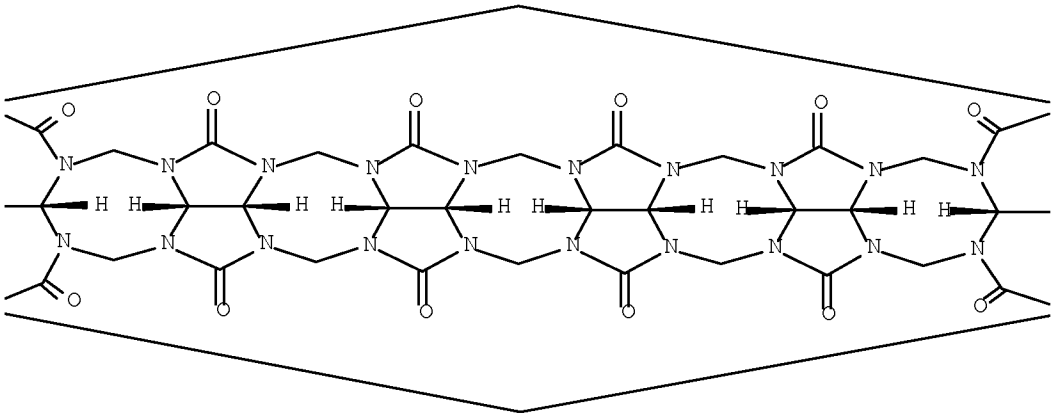
RN 283175-97-3 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24
a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7''']cycloocta[1'',2''
,3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-
g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer (CA
INDEX NAME)

Relative stereochemistry.

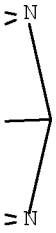
PAGE 1-A



PAGE 1-B



PAGE 1-C

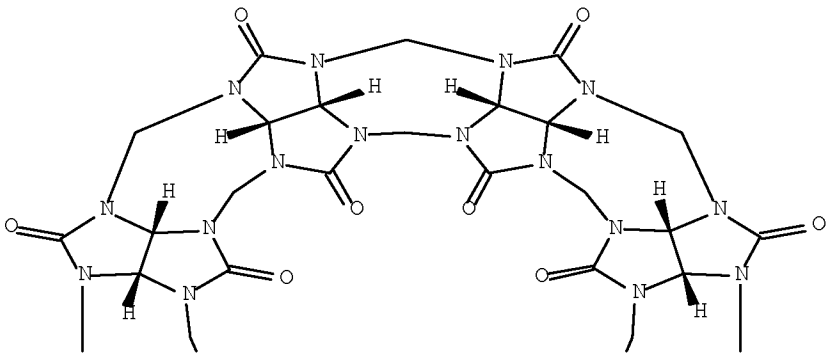


OSC.G 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (10 CITINGS)
RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

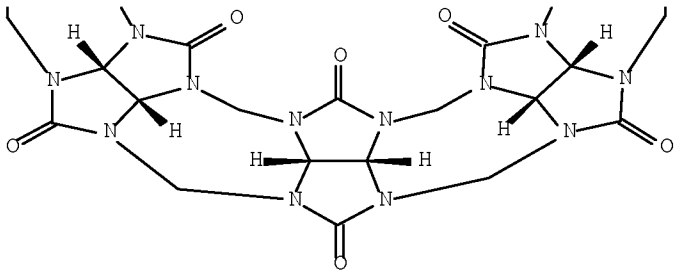
L44 ANSWER 12 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2002:114457 HCAPLUS Full-text
DN 137:133907
TI The first endoannular metal halide-cucurbituril: cis-SnCl4(OH2)2@cucurbit[7]uril
AU Lorenzo, Susan; Day, Anthony; Craig, Don; Blanch, Rodney; Arnold, Alan; Dance, Ian
CS School of Chemistry, University of New South Wales, Sydney, NSW 2052, Australia
SO CrystEngComm (2001) Paper No. 49, No pp. given, Paper No. 49
CODEN: CRECF4; ISSN: 1466-8033
URL: http://www.rsc.org/CFCart/displayarticleeonfree.cfm?article=A%2D9%223%24%5FV%3AB%214%2E%5FL9%28%3E%2CC%5B4MH1P%25H%3C%3E%5C6%2AQ%3E%3B1T%29XU%5BKG9%0A
PB Royal Society of Chemistry
DT Journal; (online computer file)
LA English
AB The insertion and phys. entrapment of cis-SnCl4(OH2)2 completely inside the annulus of the cyclic methylene-linked glycoluril heptamer known as cucurbit[7]uril (Q7) is described. This is the 1st endoannular metal halide-cucurbituril complex, [cis-SnCl4(OH2)2]@Q7, contained in crystalline {[cis-SnCl4(OH2)2]@Q7}2.cntdot.(H3O+)6[SnCl62-]3(H2O)23. The crystals are formed by reaction of Q7 and SnCl4 in HCl. Crystals are orthorhombic, space group Fdd2, with a 47.180(4), b 71.699(5), c 18.939(1) Å; Z = 16, dc = 1.76. The cis-SnCl4(OH2)2 complex is contained completely within Q7, and is stabilized by the formation of excellent internal H bonds between coordinated H2O and carbonyl O. The two crystallog. independent Q7 mols. in the crystal are incompletely occupied (75%, 50%), probably due to the premature crystallization of the insol. crystals. The crystal packing is analyzed in some detail to understand the low solubility and to enable formation of more soluble forms of [cis-SnCl4(OH2)2]@Q7 which will allow development of its new coordination chemical Some results of computational modeling of the dynamics of ingress of the chlorotin complexes into Q7 are reported.
IT 259886-50-5
RL: RCT (Reactant); RACT (Reactant or reagent)
(for preparation of tin chloro aqua complex entrapped in cucurbituril)
RN 259886-50-5 HCAPLUS
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1'''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



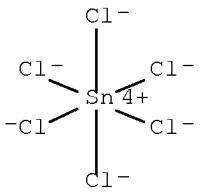
PAGE 2-A



IT 443927-26-2P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation, crystal structure and DFT calcns. for formation of)
RN 443927-26-2 HCAPLUS
CN Tin, diaquatetrachloro-, (OC-6-22)-, compd. with dioxonium (OC-6-11)-hexachlorostannate(2-) and stereoisomer of tetradecahydro-2,18:3,17-dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1'''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalenetetradecone (2:3:2), tricosahydrate (9CI) (CA INDEX NAME)

CM 1

CRN 443927-25-1
CMF C16 Sn . 2 H3 O
CCI CCS



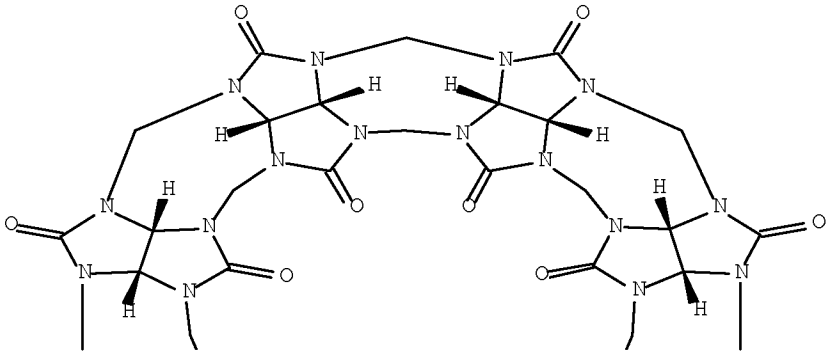
●2 OH_3^+

CM 2

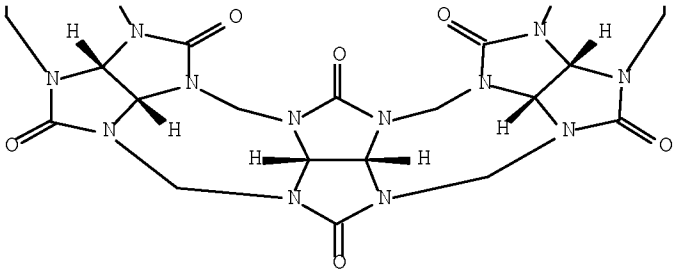
CRN 259886-50-5
CMF C42 H42 N28 O14

Relative stereochemistry.

PAGE 1-A

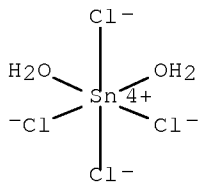


PAGE 2-A



CM 3

CRN 37438-76-9
CMF Cl4 H4 O2 Sn
CCI CCS



RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

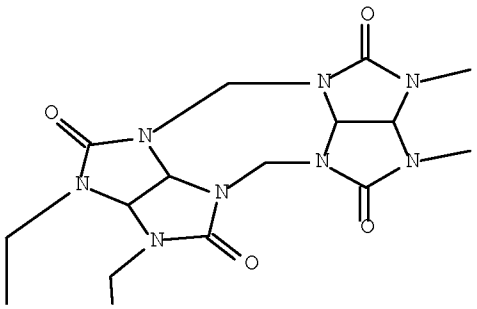
L44 ANSWER 13 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2002:108138 HCAPLUS Full-text
DN 136:401742
TI A cucurbituril-based gyroscane: a new supramolecular form
AU Day, Anthony I.; Blanch, Rodney J.; Arnold, Alan P.; Lorenzo, Susan; Lewis, Gareth R.; Dance, Ian
CS School of Chemistry, University College, University of New South Wales Australian Defence Force Academy, Canberra, 2600, Australia
SO Angewandte Chemie, International Edition (2002), 41(2), 275-277
CODEN: ACIEF5; ISSN: 1433-7851
PB Wiley-VCH Verlag GmbH
DT Journal
LA English
AB An inclusion complex of a cucurbit[5]uril with a cucurbit[10]uril is isolated in gram quantities and characterized by x-ray crystallog. In the crystal, a hydrate hydrochloride of the complex is isolated; a chloride ion (or hydrochloride salt) is sequestered within the cucurbit[5]uril ring, while the larger cucurbit[10]uril ring surrounds the cucurbit[5]uril ring but is not coaxial with it. The inclusion complex is termed a gyroscane because both cucurbituril rings rotate relative to one another in a manner similar to a gyroscope. Exchange expts. of the gyroscane with 13C-labeled-cucurbit[5]uril indicate that the curcurbit[5]uril ring exchanges slowly over time. No cucurbit[10]uril is isolated without included cucurbit[5]uril.
IT 430436-37-6
RL: PRP (Properties)
(crystal structure; preparation and X-ray crystallog. determination of a gyroscane inclusion complex of cucurbiturils)
RN 430436-37-6 HCAPLUS
CN 2,24:3,23-Dimethanotetracontaazabispentaleno[1''''''',6''''''':5'''''',6''''''',7'''''']cycloocta[1'''''',2'''''',3'''''':3''''',4''''']pentaleno[1''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cyclooct[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentaleneicosone, eicosahydro-, stereoisomer, compd. with stereoisomer of decahydro-1H,4H,12H,15H-2,14:3,13-dimethano-5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21-decone, hydrochloride, hydrate (4:4:44:103)

(9CI) (CA INDEX NAME)

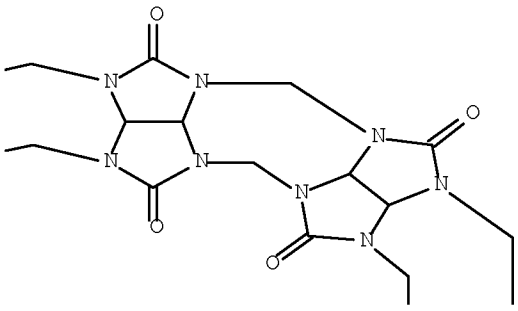
CM 1

CRN 307001-50-9
CMF C60 H60 N40 O20

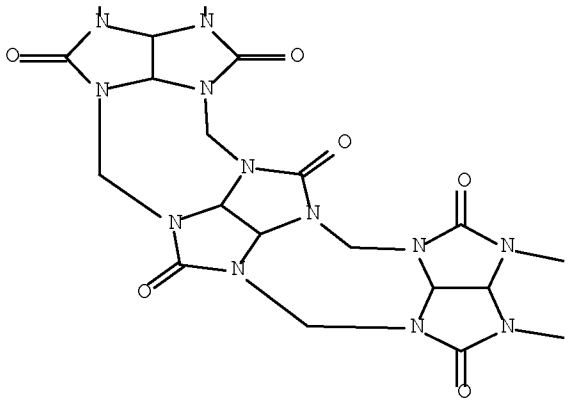
PAGE 1-A



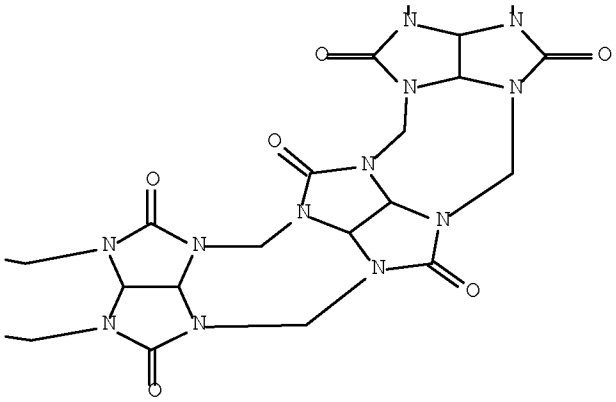
PAGE 1-B



PAGE 2-A



PAGE 2-B

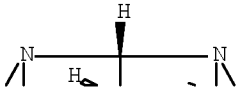


CM 2

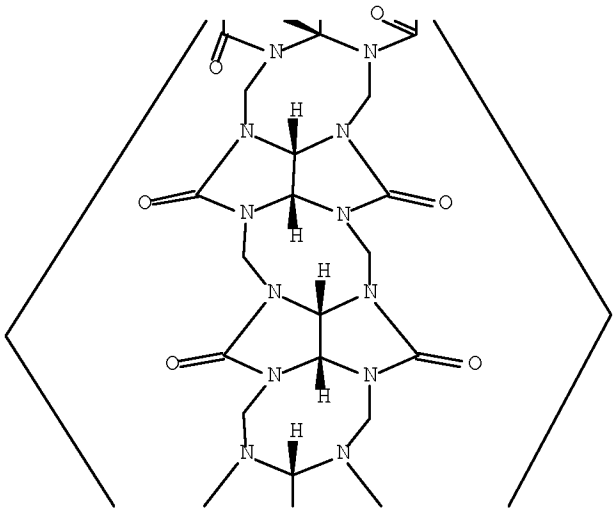
CRN 259886-49-2
CMF C30 H30 N20 O10

Relative stereochemistry.

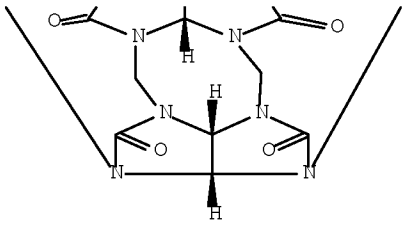
PAGE 1-A



PAGE 2-A



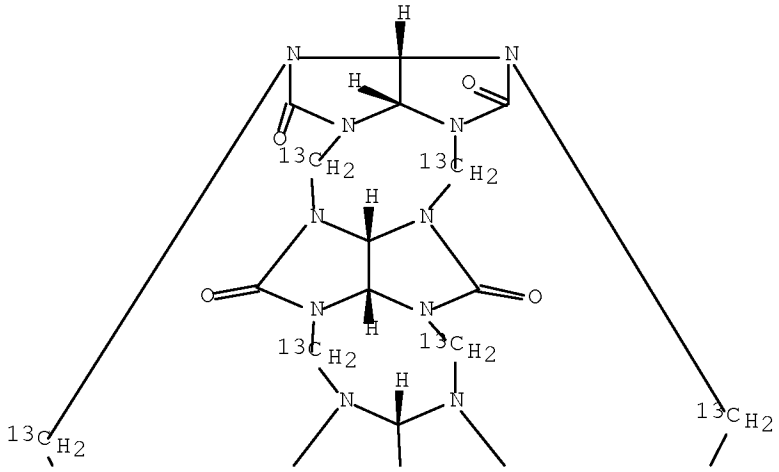
PAGE 3-A



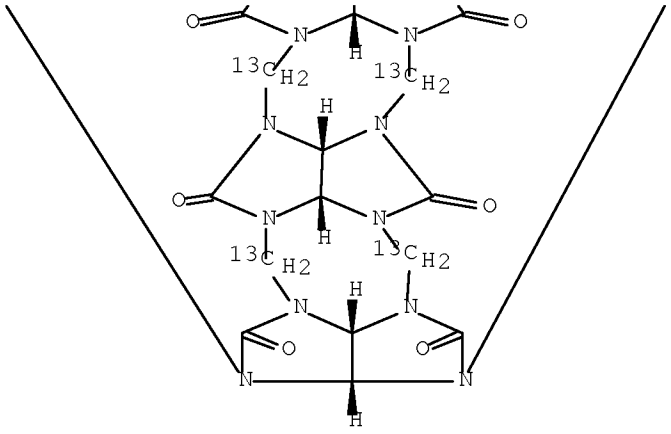
IT 429697-51-8P
RL: PEP (Physical, engineering or chemical process); PYP (Physical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)
(exchange of free cucurbiturils with a gyroscane inclusion complex of cucurbiturils)
RN 429697-51-8 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21-decone-5,7,9,11,16,18,20,22,23,24-13C10, decahydro-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A



IT 430436-36-5P

RL: PEP (Physical, engineering or chemical process); PRP (Properties); PYP (Physical process); SPN (Synthetic preparation); PREP (Preparation); PROC (Process)
(preparation and X-ray crystallog. determination of a gyroscane inclusion complex of cucurbiturils)

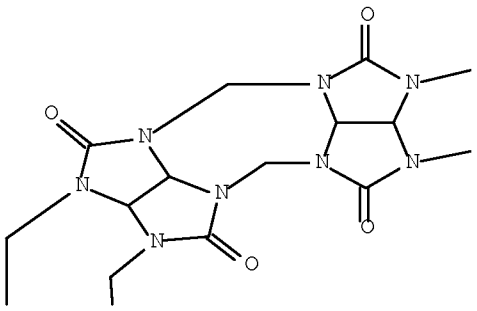
RN 430436-36-5 HCAPLUS

CN 2,24:3,23-Dimethanotetracontaazabispentaleno[1''''''',6''''''':5'''''',6''''''',7''''''']cycloocta[1'''''',2'''''',3'''''':3''''',4''''']pentaleno[1''''',6''''':5''''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cyclooct[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentaleneicosone, eicosahydro-, stereoisomer, compd. with stereoisomer of decahydro-1H,4H,12H,15H-2,14:3,13-dimethano-5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21-decone (1:1) (CA INDEX NAME)

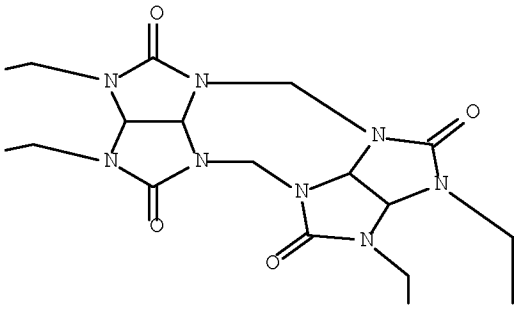
CM 1

CRN 307001-50-9
CMF C60 H60 N40 O20

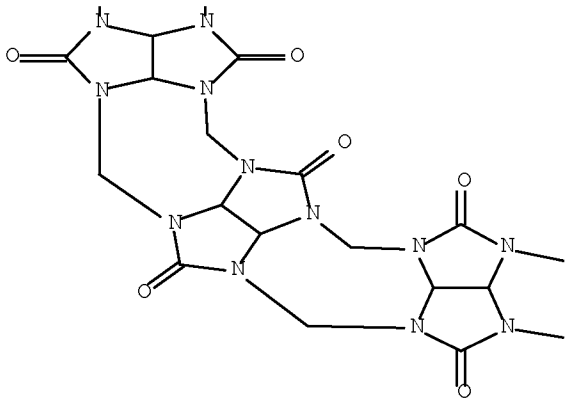
PAGE 1-A



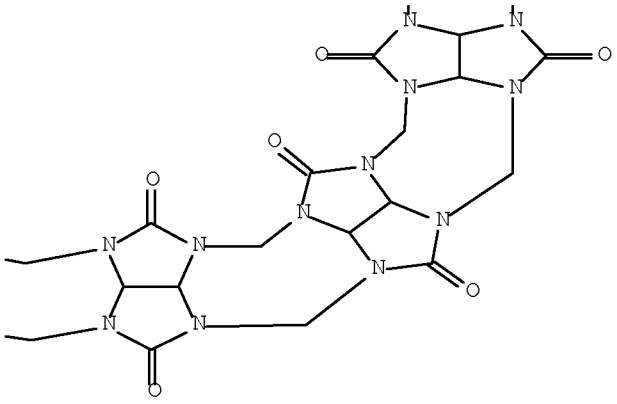
PAGE 1-B



PAGE 2-A



PAGE 2-B

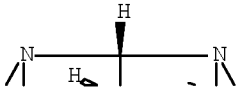


CM 2

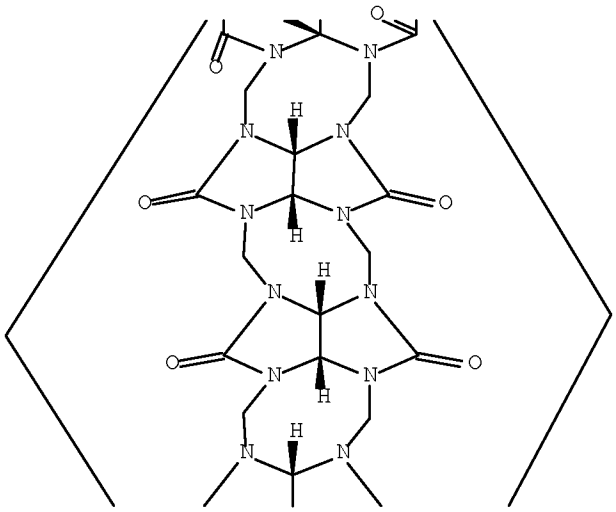
CRN 259886-49-2
CMF C30 H30 N20 O10

Relative stereochemistry.

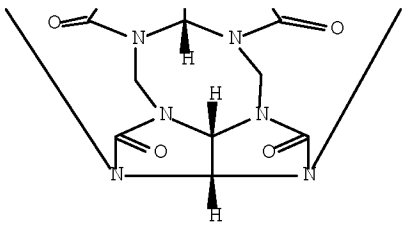
PAGE 1-A



PAGE 2-A



PAGE 3-A



OSC.G 135 THERE ARE 135 CAPLUS RECORDS THAT CITE THIS RECORD (136 CITINGS)
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

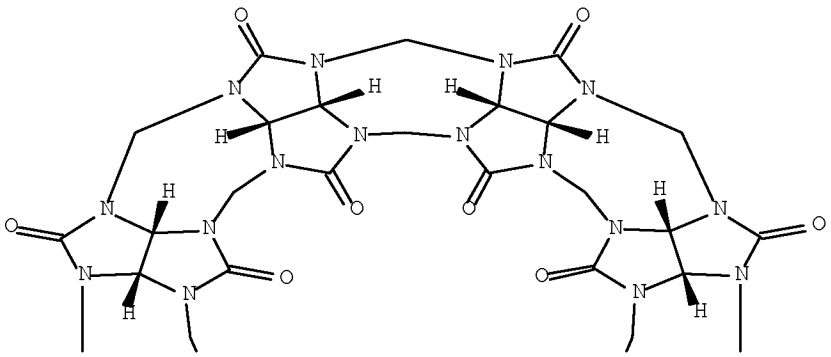
L44 ANSWER 14 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2001:878056 HCAPLUS Full-text
DN 136:151214
TI Cucurbit[7]uril and o-Carborane Self-Assemble to Form a Molecular Ball Bearing
AU Blanch, Rodney J.; Sleeman, Alex J.; White, Timothy J.; Arnold, Alan P.; Day, Anthony I.
CS School of Chemistry, University College, University of New South Wales, ADFA, Canberra, Australia
SO Nano Letters (2002), 2(2), 147-149
CODEN: NALEFD; ISSN: 1530-6984
PB American Chemical Society
DT Journal
LA English
OS CASREACT 136:151214
AB The self-assembly of cucurbit[7]uril (Q7) with o-carborane (1) produces a mol. ball bearing nanostructure. While investigating the possible role of o-carborane as a template for the controlled synthesis of Q7, new synthetic reaction conditions were discovered. Both the solvent and the reaction temperature had a marked effect on the relative percentages of cucurbit[n]uril (n = 5, 6, 7, 8) produced. The effect of the o-carborane in the reaction mixture is discussed.
IT 395660-22-7P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(inclusion complex; preparation and AM1 calcns. of)
RN 395660-22-7 HCAPLUS
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalenetetradecone, tetradecahydro-, stereoisomer, compd. with 1,2-dicarbadodecaborane(12) (1:1) (9CI) (CA INDEX NAME)

CM 1

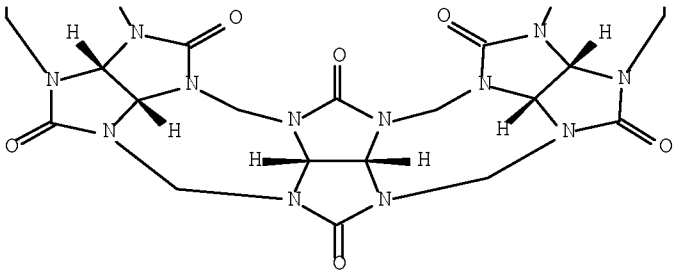
CRN 259886-50-5
CMF C42 H42 N28 O14

Relative stereochemistry.

PAGE 1-A

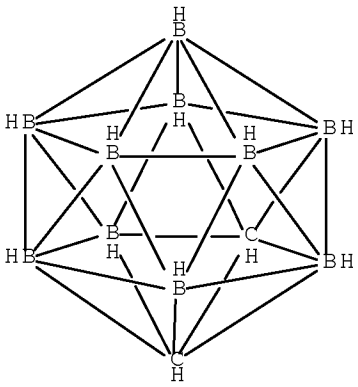


PAGE 2-A



CM 2

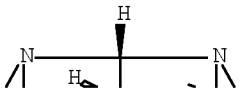
CRN 16872-09-6
CMF C2 H12 B10



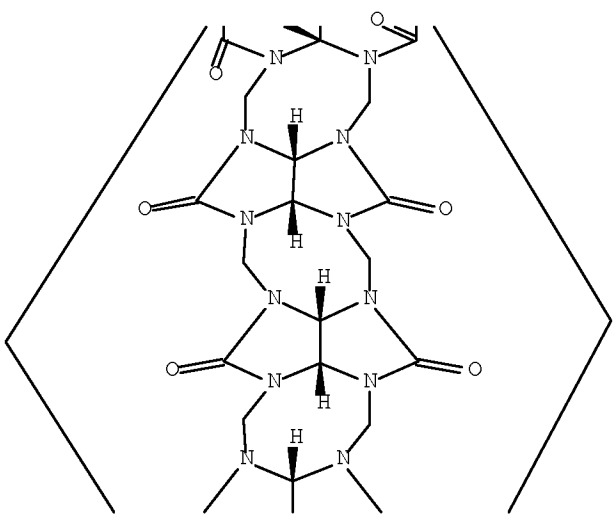
IT 259886-49-2P, Cucurbit[5]uril 259886-50-5P, Cucurbit[7]uril 259886-51-6P, Cucurbit[8]uril 283175-97-3P, Cucurbit[6]uril
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of)
RN 259886-49-2 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21-decone, decahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

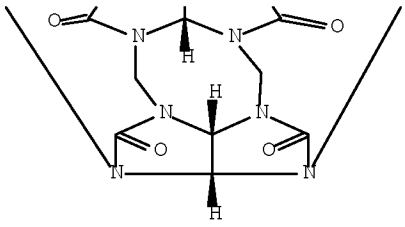
PAGE 1-A



PAGE 2-A



PAGE 3-A

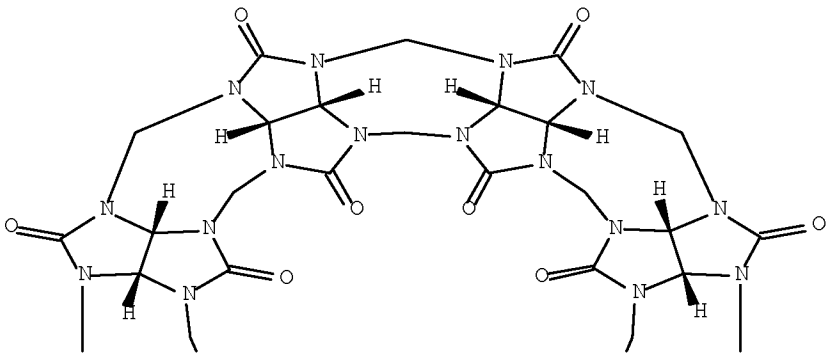


RN 259886-50-5 HCAPLUS

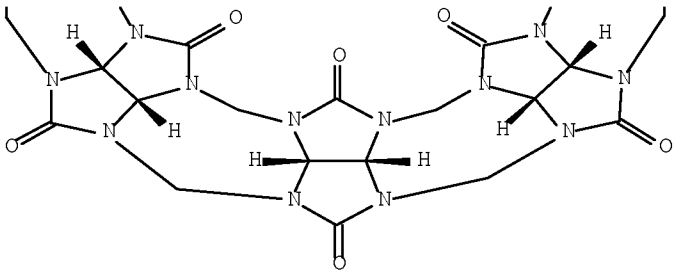
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2''''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

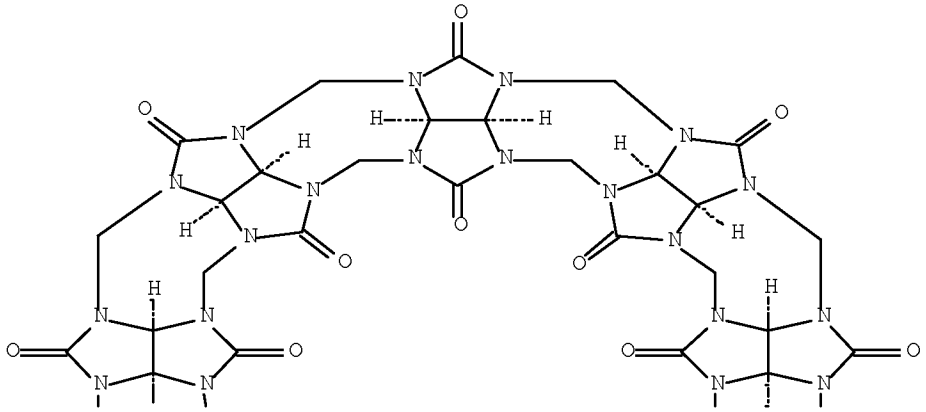


RN 259886-51-6 HCAPLUS

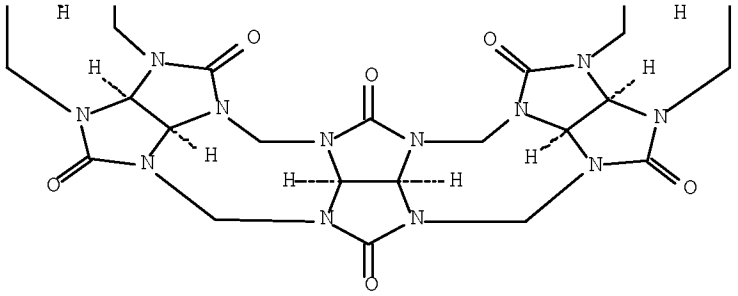
CN 2,20:3,19-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,16,18,21,23,25,27,29,31,33-hexadecone, hexadecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



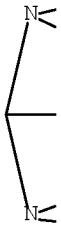
PAGE 2-A



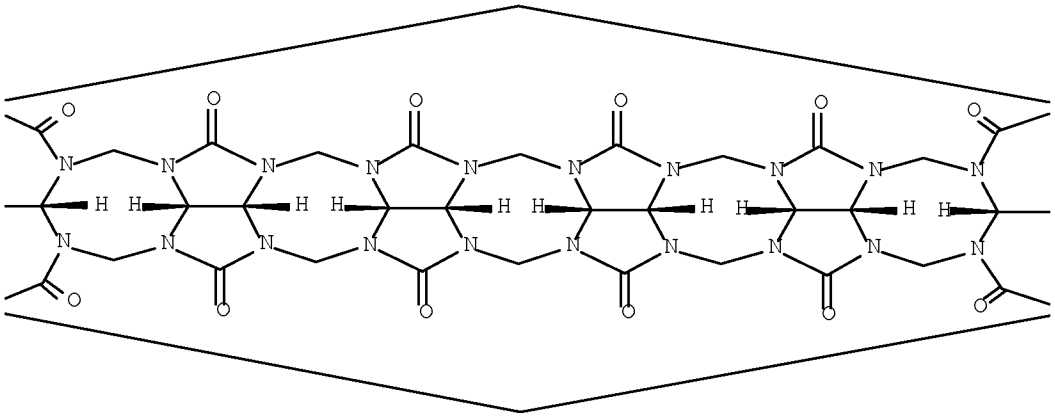
RN 283175-97-3 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24
a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2''
,3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-
g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer (CA
INDEX NAME)

Relative stereochemistry.

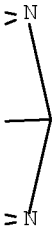
PAGE 1-A



PAGE 1-B



PAGE 1-C

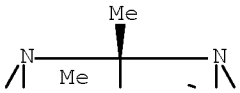


OSC.G 54 THERE ARE 54 CAPLUS RECORDS THAT CITE THIS RECORD (55 CITINGS)
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L44 ANSWER 15 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2001:809682 HCAPLUS Full-text
DN 136:85807
TI Controlling Factors in the Synthesis of Cucurbituril and Its Homologues
AU Day, Anthony; Arnold, Alan P.; Blanch, Rodney J.; Snushall, Barry
CS School of Chemistry University College, University of New South Wales, Australian Defence Force Academy, Canberra, 2600, Australia
SO Journal of Organic Chemistry (2001), 66(24), 8094-8100
CODEN: JOCEAH; ISSN: 0022-3263
PB American Chemical Society
DT Journal
LA English
OS CASREACT 136:85807
AB The acid-catalyzed synthesis of cucurbit[n]urils from formaldehyde and glycoluril is poorly understood. A wide range of reaction conditions that include the effects of acid type, acid concentration, reactant concns., and temperature were examined to both probe the mechanism and optimize the yields of isolated cucurbit[n]urils [n = 5-10]. A mechanism for the formation of these cucurbit[n]urils is presented. Individual cucurbit[n]urils were unambiguously identified in reaction mixts. using ESMS and 13C NMR.
IT 143902-45-8 259886-49-2 259886-50-5
259886-51-6 283175-97-3 307001-50-9
375372-74-0 375372-75-1 375372-76-2
386768-89-4 386768-90-7 386768-91-8
386768-92-9 386768-93-0 386768-94-1
386768-95-2
RL: PRP (Properties)
(controlling factors in the synthesis of cucurbituril and its homologs)
RN 143902-45-8 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-
2a,13a,15b,16b,17b,18b,19b,20b,21b,22b-decamethyl-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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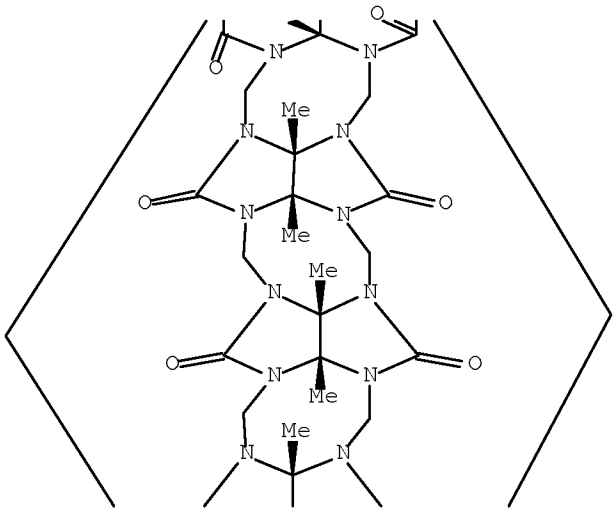

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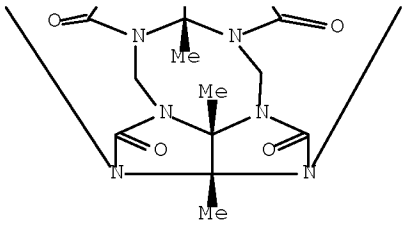
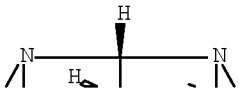


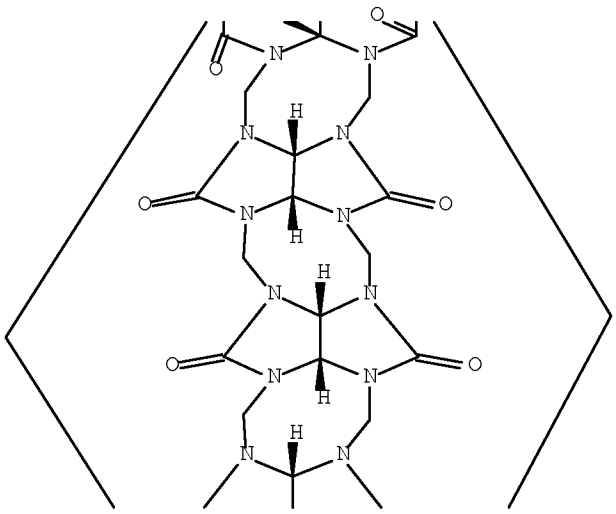
RN 259886-49-2 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-, stereoisomer (CA INDEX
NAME)

Relative stereochemistry.

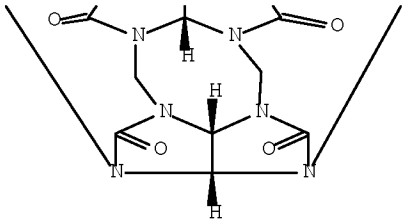
PAGE 1-A



PAGE 2-A



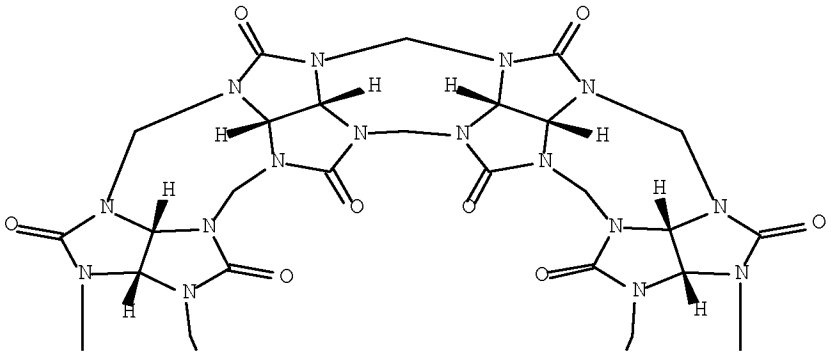
PAGE 3-A



RN 259886-50-5 HCAPLUS
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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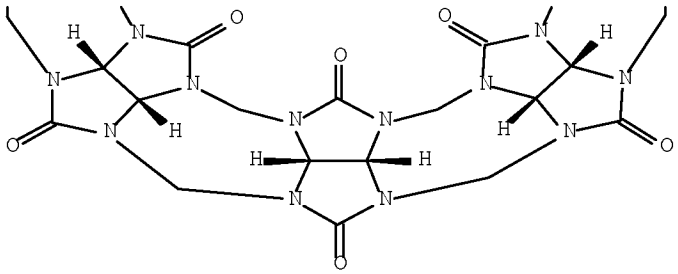
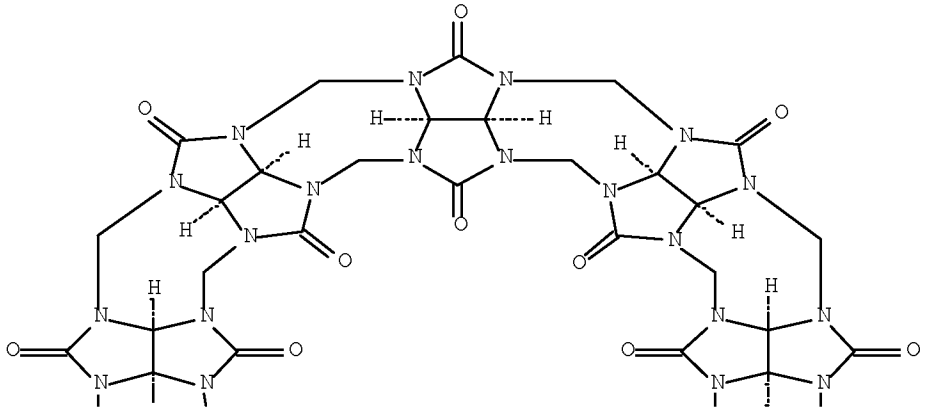


RN 259886-51-6 HCAPLUS
CN 2,20:3,19-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,16,18,21,23,25,27,29,31,33-hexadecone, hexadecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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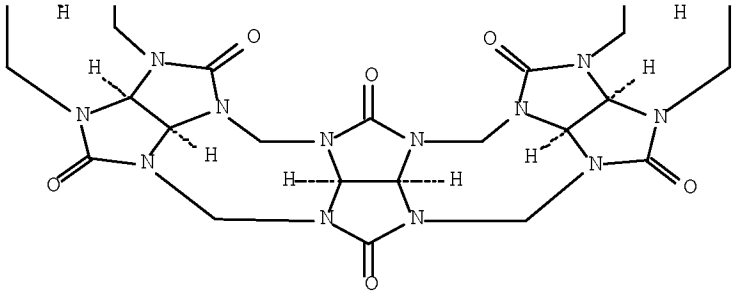
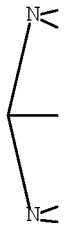


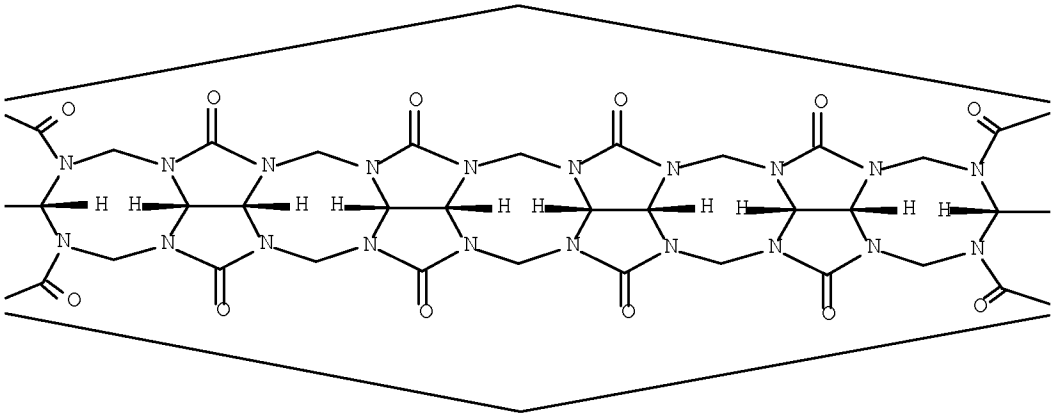
RN 283175-97-3 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

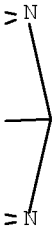
PAGE 1-A



PAGE 1-B

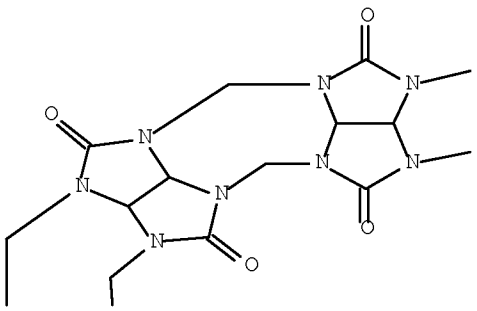


PAGE 1-C

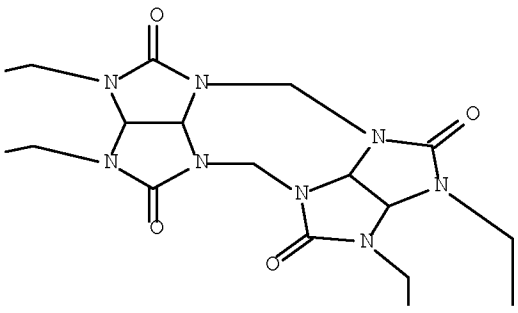


RN 307001-50-9 HCAPLUS
CN 2,24:3,23-Dimethanotetracontaazabispentaleno[1''''''',6''''''':5'''''',6''''''',7''''''']cycloocta[1'''''',2'''''',3'''''':3''''',4''''']pentaleno[1''''',6''''':5'''',6'''',7''''']cyclooctа[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cyclooct[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentaleneicosone, eicosahydro-, stereoisomer (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



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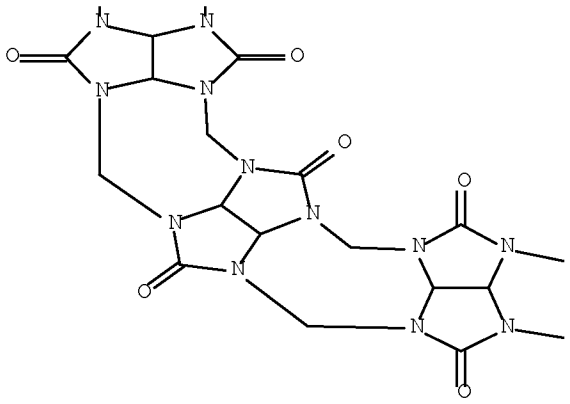

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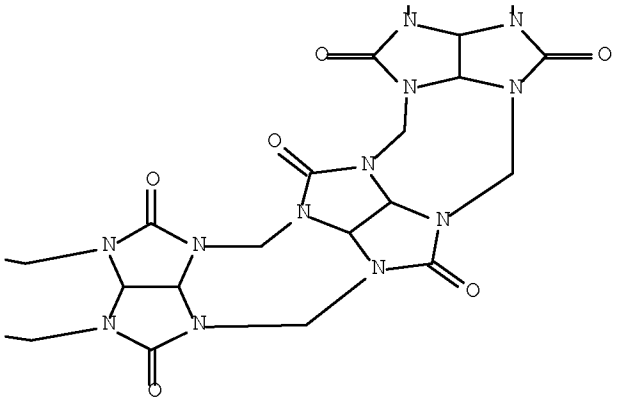
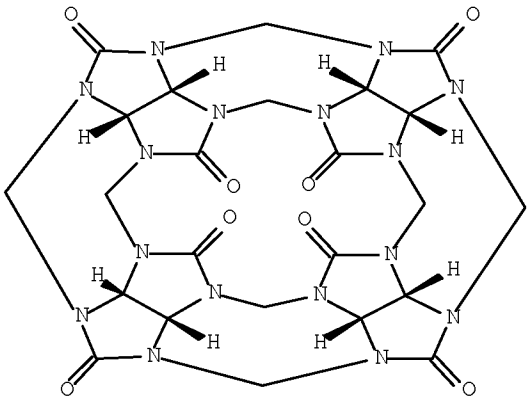


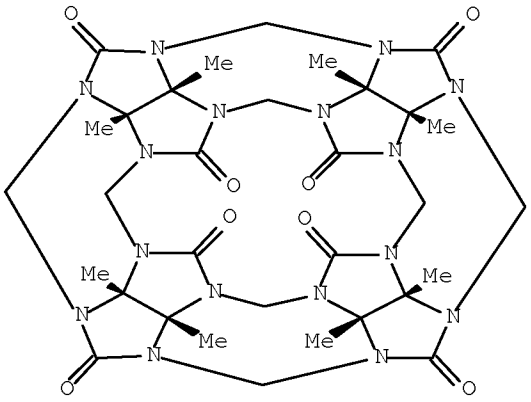
RN 375372-74-0 HCAPLUS
CN 1H,4H,10H,13H-2,12:3,11-Dimethano-5H,6H,7H,8H,9H,14H,15H,16H,17H,18H-2,3,4a,5a,6a,7a,8a,9a,11,12,13a,14a,15a,16a,17a,18a-hexadecaazabispentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,13,15,17-octone, 2a,11a,13b,15b,15c,17b,17c,18b-octahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.



RN 375372-75-1 HCAPLUS
CN 1H,4H,10H,13H-2,12:3,11-Dimethano-5H,6H,7H,8H,9H,14H,15H,16H,17H,18H-2,3,4a,5a,6a,7a,8a,9a,11,12,13a,14a,15a,16a,17a,18a-hexadecaazabispentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,13,15,17-octone, 2a,11a,13b,15b,15c,17b,17c,18b-octahydro-2a,11a,13b,15b,15c,17b,17c,18b-octamethyl-, stereoisomer (9CI) (CA INDEX NAME)

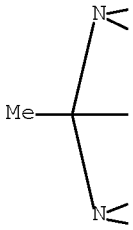
Relative stereochemistry.



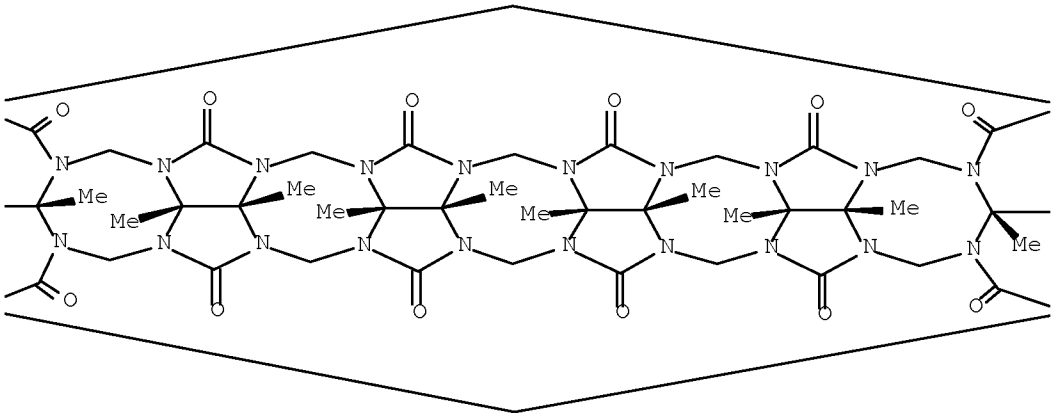
RN 375372-76-2 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-2a,15a,17b,19b,19c,21b,21c,23b,23c,25b,25c,26b-dodecamethyl-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

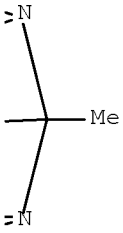
PAGE 1-A



PAGE 1-B



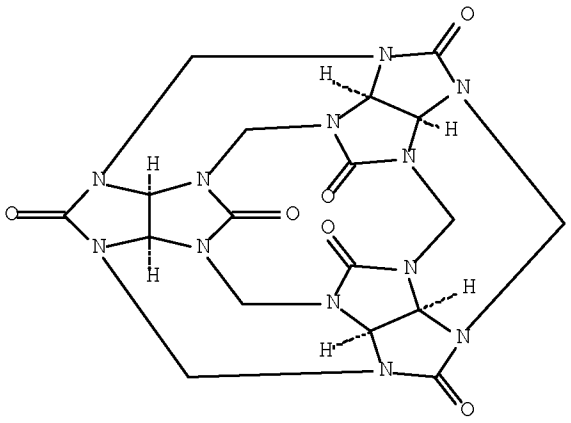
PAGE 1-C



RN 386768-89-4 HCAPLUS
CN 1H,4H,8H,11H-2,10:3,9-Dimethano-5H,6H,7H,12H,13H,14H-2,3,4a,5a,6a,7a,9,10,11a,12a,13a,14a-

dodecaazabispentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,11,13-hexone, hexahydro-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.



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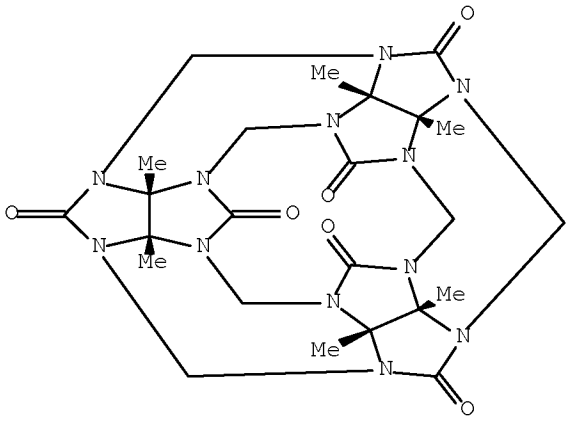
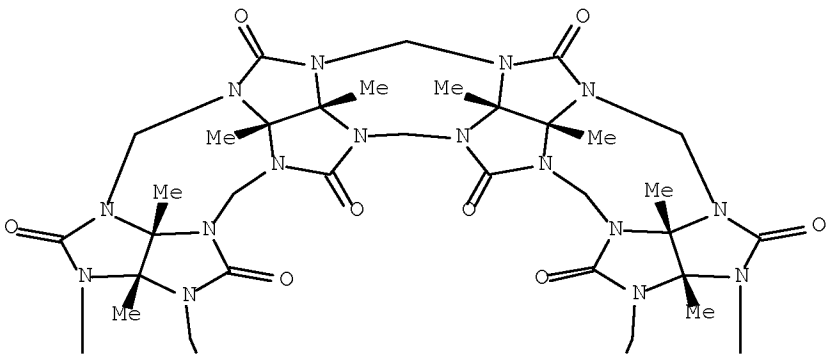
Relative stereochemistry.



RN 386768-91-8 HCAPLUS
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2''''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalenetetradecone, tetradecahydro-2a,17a,19b,21b,21c,23b,23c,25b,25c,27b,27c,29b,29c,30b-tetradecamethyl-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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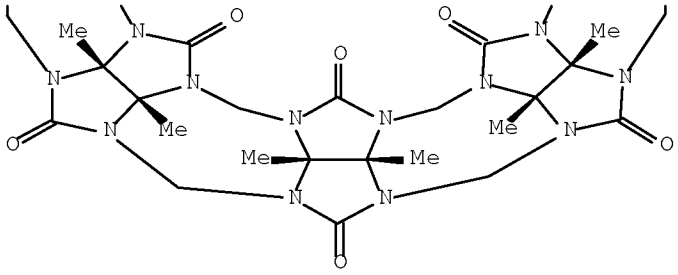
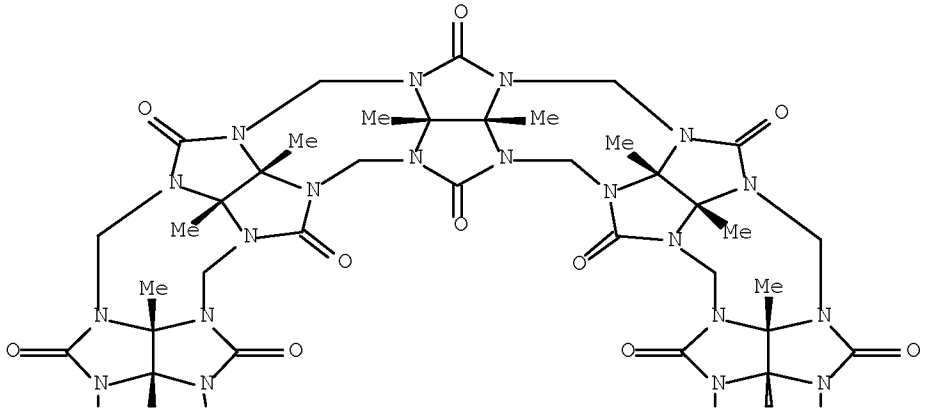


RN 386768-92-9 HCAPLUS

CN 2,20:3,19-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalenehexadecone, hexadecahydro-2a,19a,21b,23b,23c,25b,25c,27b,27c,29b,29c,31b,31c,33b,33c,34b-hexadecamethyl-, stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
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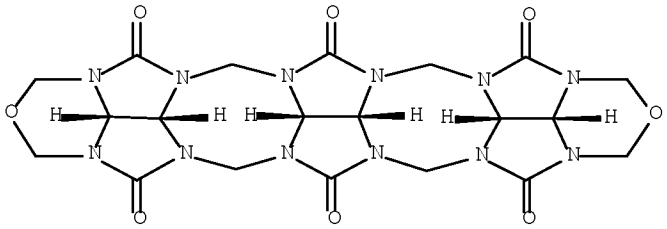
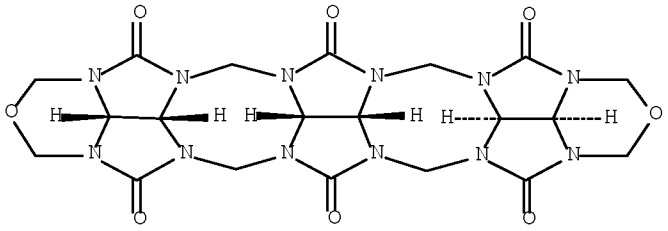
Relative stereochemistry.



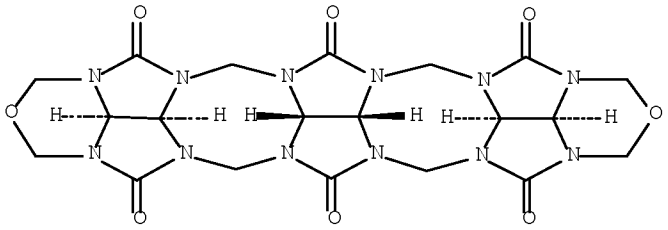
RN 386768-94-1 HCAPLUS
CN 1H,3H,4H,5H,6H,7H,8H,9H,11H,12H,13H,14H,15H,16H-2,10-Dioxa-3a,4a,5a,6a,7a,8a,11a,12a,13a,14a,15a,16a-dodecaazabisbenzo[3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-4,6,8,12,14,16-hexone, hexahydro-, (12bα,12cα,14bα,14cα,16bβ,16cβ)- (9CI) (CA INDEX NAME)

Relative stereochemistry.



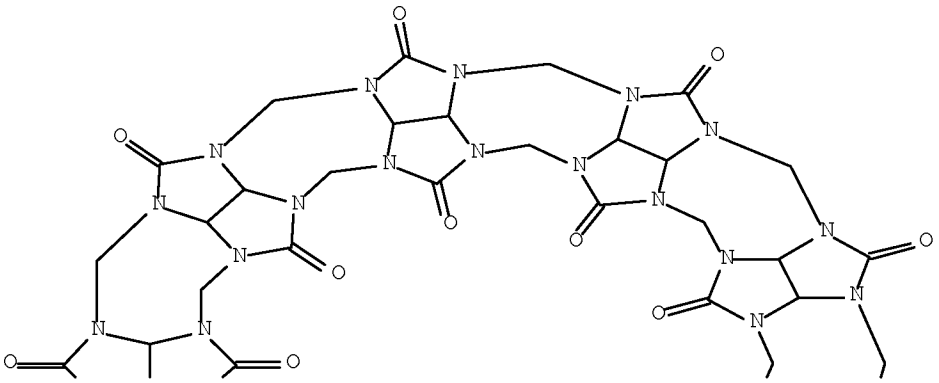
RN 386768-95-2 HCAPLUS
CN 1H,3H,4H,5H,6H,7H,8H,9H,11H,12H,13H,14H,15H,16H-2,10-Dioxa-3a,4a,5a,6a,7a,8a,11a,12a,13a,14a,15a,16a-dodecaazabisbenzo[3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-4,6,8,12,14,16-hexone, hexahydro-, (12bα,12cα,14bβ,14cβ,16bα,16cα)- (9CI) (CA INDEX NAME)

Relative stereochemistry.

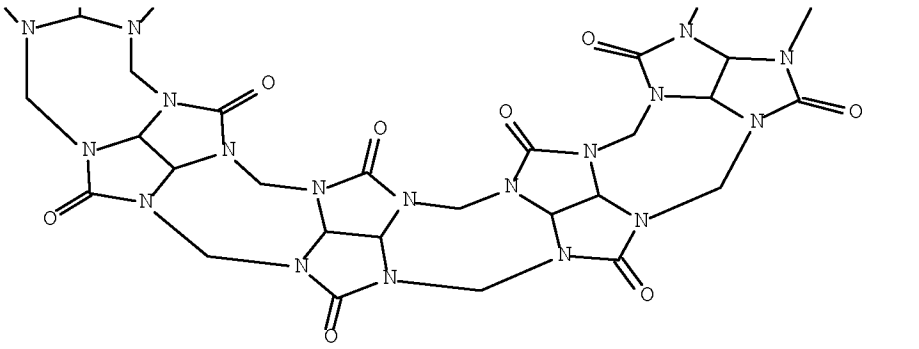


IT 387353-44-8P 387353-66-4P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(controlling factors in the synthesis of cucurbituril and its homologs)
RN 387353-44-8 HCAPLUS
CN 1H,4H,20H,23H-2,22:3,21-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,18a,19a,21,22,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a,35a,36a,37a,38a-hexatriacontaazabispentaleno[1'''''',6'''''':5'''''',6'''''',7'''''']cycloocta[1'''''',2'''''',3'''''':3''''',4''''']pentaleno[1''''',6''''':5''''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentaleneoctadecone, octadecahydro-, stereoisomer (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



RN 387353-66-4 HCAPLUS

CN 2,24:3,23-Dimethanotetracontaazabispentaleno[1'''''''',6'''''''':5'''''',6''''''',7''''''']cycloocta[1'''''',2'''''',3'''''':3''''',4''''']pentaleno[1''''',6''''':5'''',6'''',7'''']cyclooctа[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cyclooct[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentaleneicosone, eicosahydro-, stereoisomer, compd. with stereoisomer of decahydro-1H,4H,12H,15H-2,14:3,13-dimethano-5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,15,17,19,21-decone (1:1), trihydrochloride (9CI) (CA INDEX NAME)

CM 1

CRN 307001-50-9

CMF C60 H60 N40 O20

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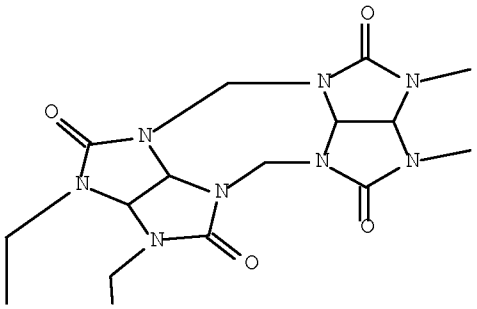
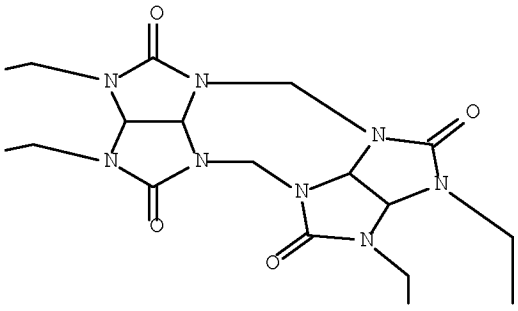
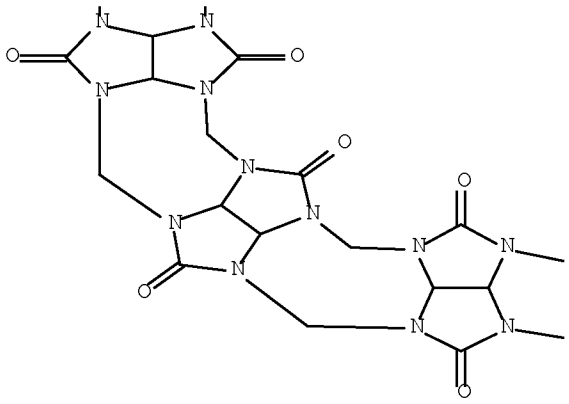


PAGE 1-B



PAGE 2-A



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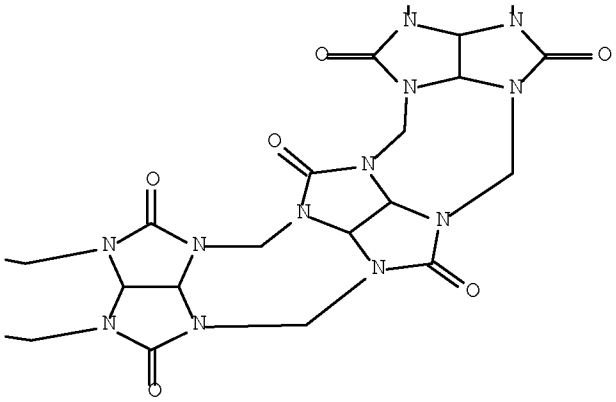
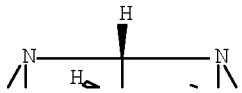


CM 2

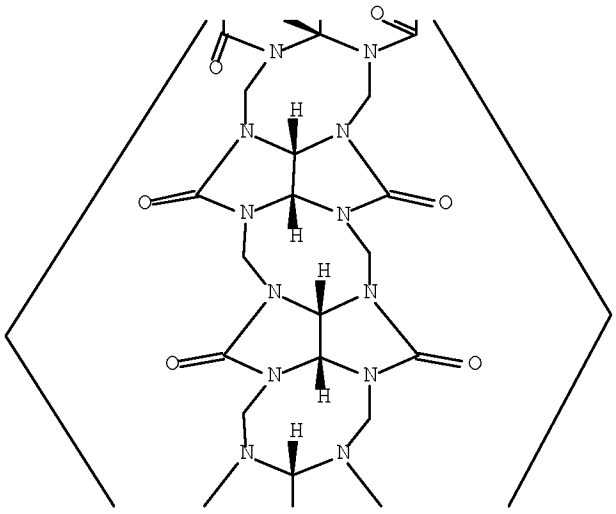
CRN 259886-49-2
CMF C30 H30 N20 O10

Relative stereochemistry.

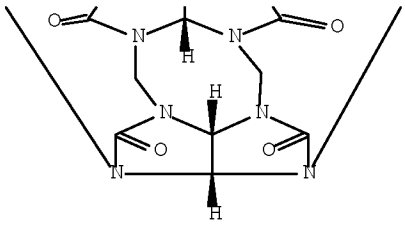
PAGE 1-A



PAGE 2-A



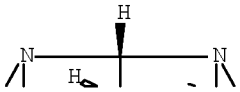
PAGE 3-A



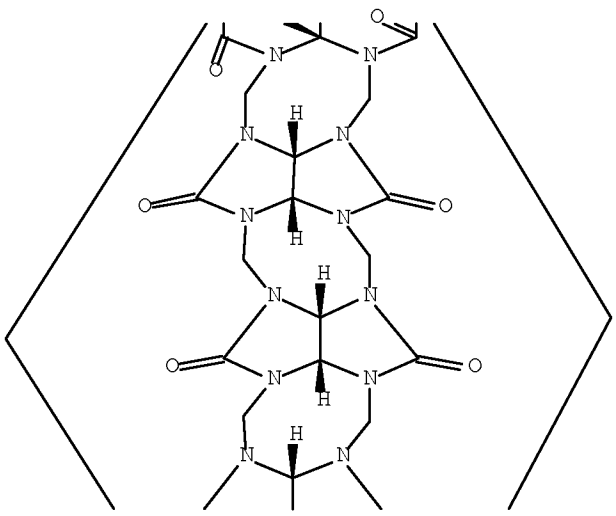
IT 386768-96-3P 386768-97-4P 386768-98-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(controlling factors in the synthesis of cucurbituril and its homologs)
RN 386768-96-3 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-, monohydrochloride,
stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

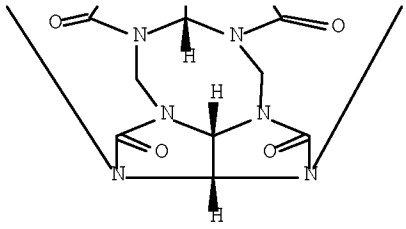
PAGE 1-A



PAGE 2-A



PAGE 3-A

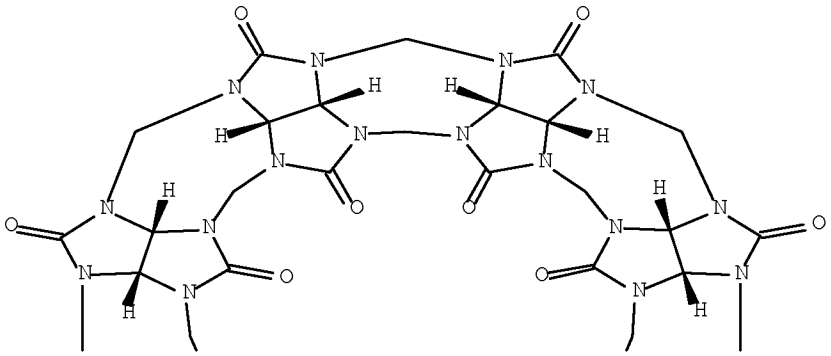


● HCl

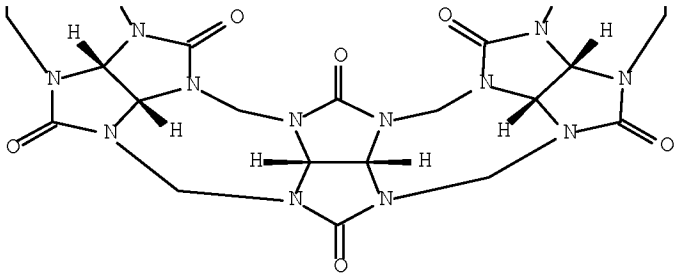
RN 386768-97-4 HCAPLUS
CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalenetetradecone, tetradecahydro-, hydrochloride (2:1), stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A

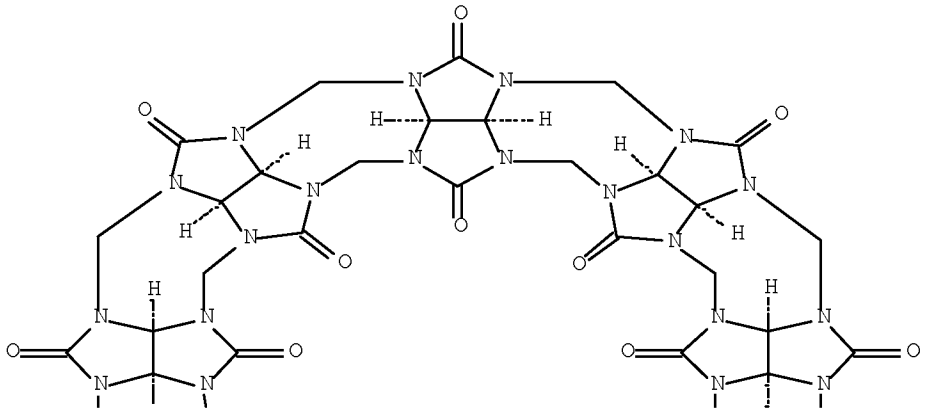


●1/2 HCl

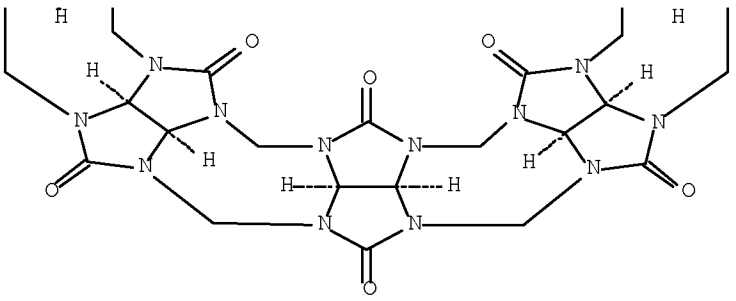
RN 386768-98-5 HCAPLUS
CN 2,20:3,19-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalenehexadecone, hexadecahydro-, hydrochloride (2:5), stereoisomer (9CI) (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



PAGE 2-A



●5/2 HCl

OSC.G 210 THERE ARE 210 CAPLUS RECORDS THAT CITE THIS RECORD (216 CITINGS)
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L44 ANSWER 16 OF 16 HCAPLUS COPYRIGHT 2009 ACS on STN
AN 2000:814488 HCAPLUS Full-text
DN 133:362775
TI Method for synthesis cucurbiturils
IN Day, Anthony Ivan; Arnold, Alan Peter
PA Unisearch Limited, Australia; Blanch, Rodney John
SO PCT Int. Appl., 112 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000068232	A1	20001116	WO 2000-AU412	20000505 <--
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	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2373159	A1	20001116	CA 2000-2373159	20000505 <--
	EP 1181293	A1	20020227	EP 2000-924968	20000505 <--
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	AU 777625	B2	20041021	AU 2000-43851	20000505 <--
	CN 100339380	C	20070926	CN 2000-809064	20000505 <--
	IN 2000DE00485	A	20050311	IN 2000-DE485	20000508 <--
	KR 793461	B1	20080114	KR 2001-714227	20011107 <--
	US 6793839	B1	20040921	US 2002-959770	20020107 <--
	US 20030140787	A1	20030731	US 2002-301874	20021122 <--
	US 6869466	B2	20050322		
	IN 2006DE02152	A	20070907	IN 2006-DE2152	20060928 <--
PRAI	AU 1999-232	A	19990507 <--		
	WO 2000-AU412	W	20000505 <--		
	IN 2000-DE485	A3	20000508 <--		
	AU 2001-9031	A	20011122 <--		

US 2002-959770 A2 20020107 <--

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 133:362775; MARPAT 133:362775

AB A method for producing cucurbit[n]urils, where n is from 4 to 12, comprising mixing substituted and/or unsubstituted glycoluril with an acid and a compound that can form methylene bridges between glycoluril units, and heating the mixture to a temperature of from 20° to 120° to thereby form cucurbit[n]. Novel cucurbit[n]urils, where n = 5, 6, 7, 8, 10 and substituted cucurbit[s,u]urils, where s = number of substituted glycoluril units, u = number of unsubstituted units and s + u = 4 - 12 are also described.

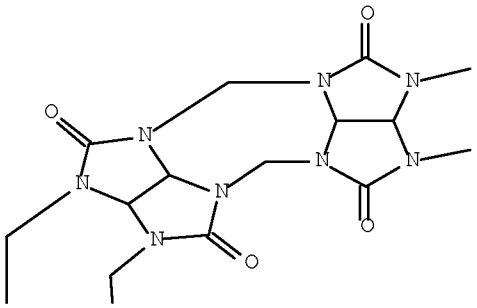
IT 307001-50-9P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (preparation and chemical shift of cucurbit[10]uril)

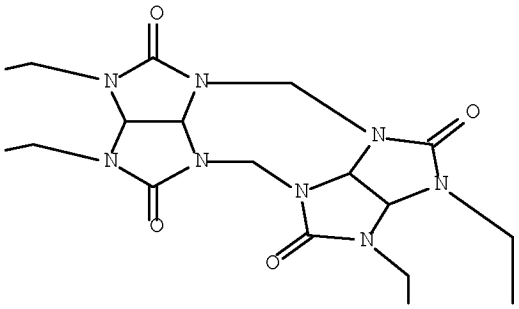
RN 307001-50-9 HCAPLUS

CN 2,24:3,23-Dimethanotetracontaazabispentaleno[1''''''',6''''''':5'''''',6''''''',7'''''']cycloocta[1'''''',2'''''',3'''''':3''''',4''''']pentaleno[1''''',6''''':5'''',6'''',7'''']cycloocta[1'''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cyclooct[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentaleneicosone, eicosahydro-, stereoisomer (CA INDEX NAME)

PAGE 1-A



PAGE 1-B



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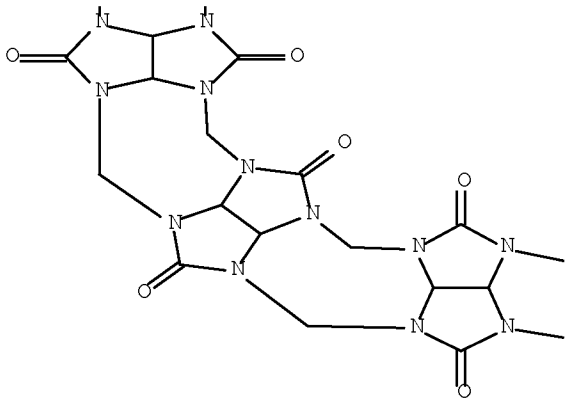
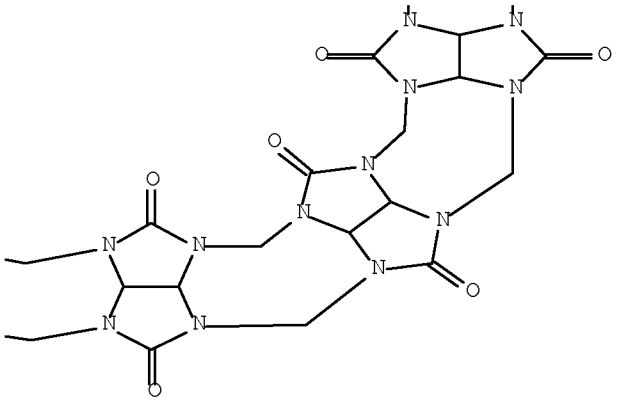


PAGE 2-B



IT 259886-49-2P 259886-50-5P 259886-51-6P
283175-97-3P
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)
(preparation of cucurbiturils)
RN 259886-49-2 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
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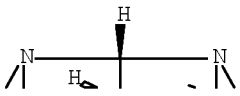
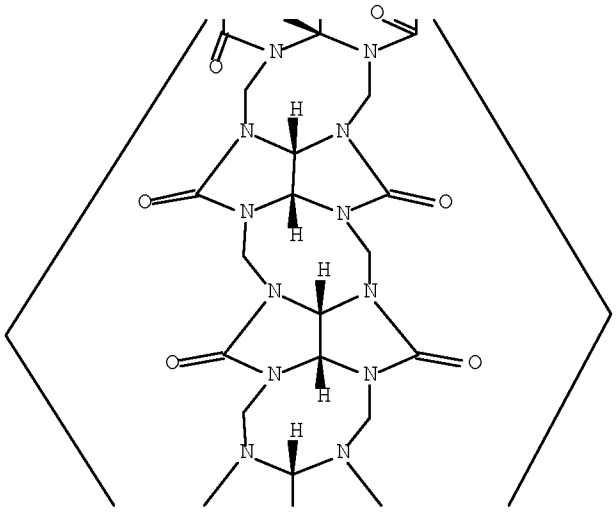
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-, stereoisomer (CA INDEX
NAME)

Relative stereochemistry.

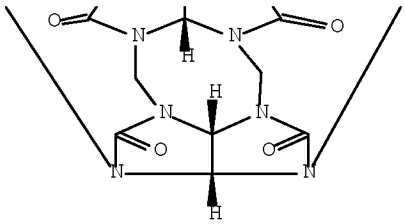
PAGE 1-A



PAGE 2-A



PAGE 3-A

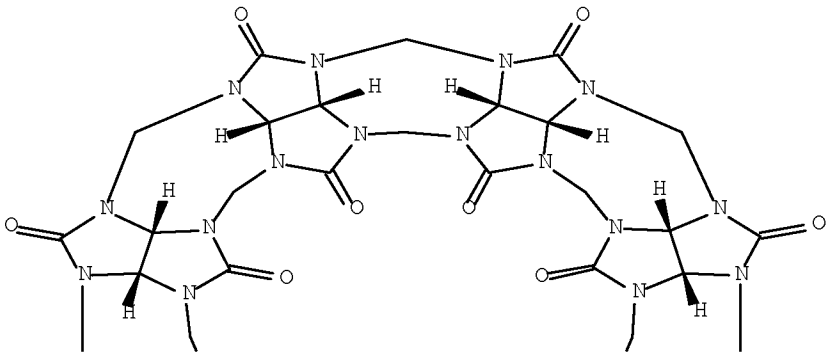


RN 259886-50-5 HCAPLUS

CN 2,18:3,17-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,17,18,19a,20a,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a-octacosaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1'''',2''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-1,4,6,8,10,12,14,16,19,21,23,25,27,29-tetradecone, tetradecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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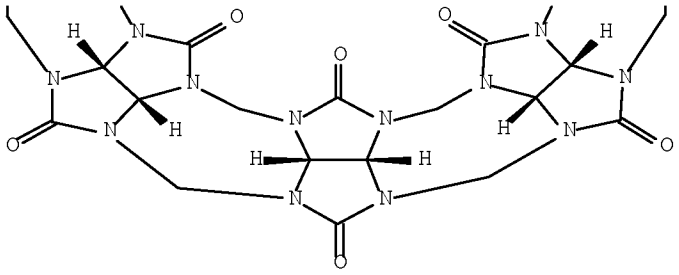
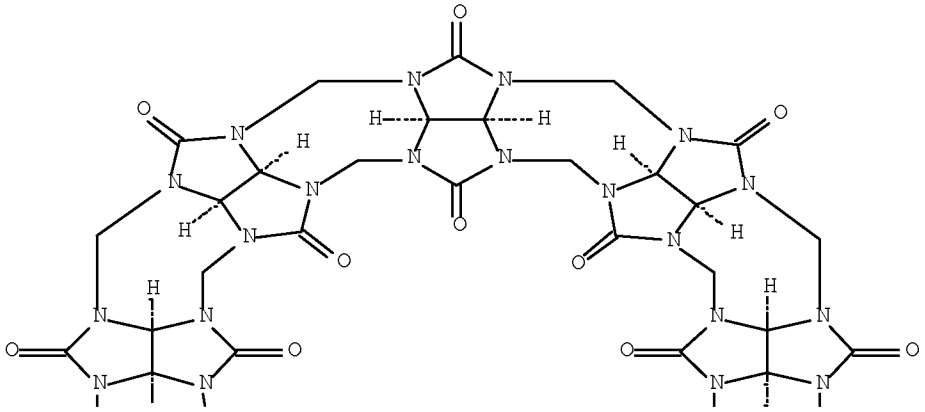


RN 259886-51-6 HCAPLUS

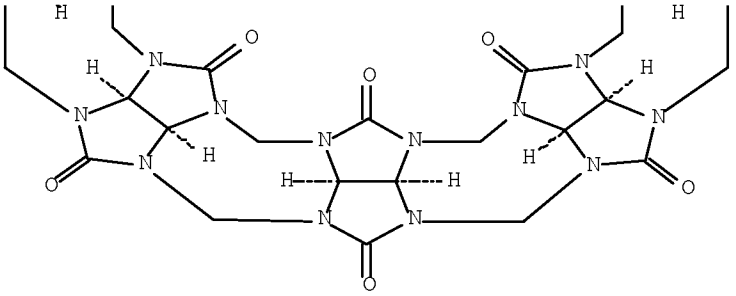
CN 2,20:3,19-Dimethano-2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,14a,15a,16a,17a,19,20,21a,22a,23a,24a,25a,26a,27a,28a,29a,30a,31a,32a,33a,34a-dotriacontaazabispentaleno[1''''',6''''':5'''',6'''',7''''']cycloocta[1''''',2'''',3'''':3''',4''']pentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-1,4,6,8,10,12,14,16,18,21,23,25,27,29,31,33-hexadecone, hexadecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

PAGE 1-A



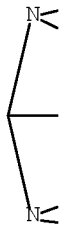
PAGE 2-A



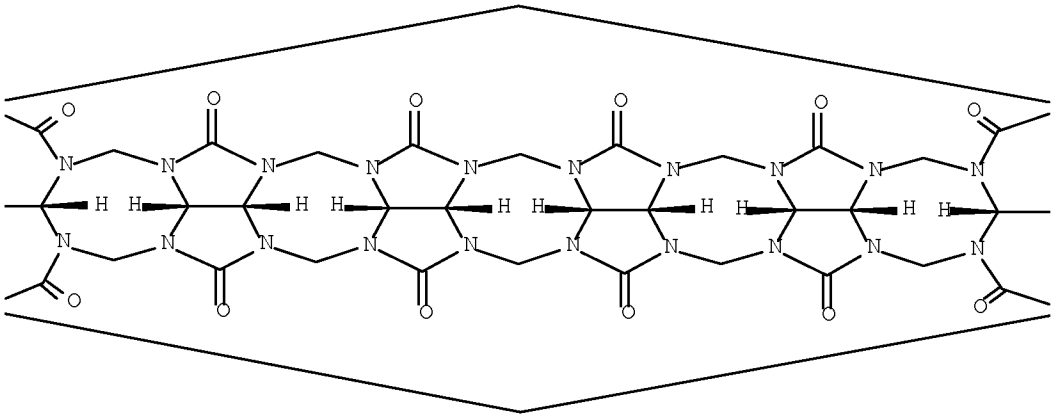
RN 283175-97-3 HCAPLUS
CN 1H,4H,14H,17H-2,16:3,15-Dimethano-
5H,6H,7H,8H,9H,10H,11H,12H,13H,18H,19H,20H,21H,22H,23H,24H,25H,26H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,12a,13a,15,16,17a,18a,19a,20a,21a,22a,23a,24a,25a,26a-tetracosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pentaleno[1',6':5,6,7]cycloocta[1,2,3-gh:1',2',3'-g'h']cycloocta[1,2,3-cd:5,6,7-c'd']dipentalene-
1,4,6,8,10,12,14,17,19,21,23,25-dodecone, dodecahydro-, stereoisomer (CA INDEX NAME)

Relative stereochemistry.

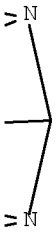
PAGE 1-A



PAGE 1-B



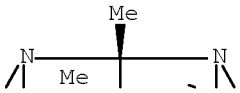
PAGE 1-C



IT 143902-45-8P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of cucurbiturils)
RN 143902-45-8 HCAPLUS
CN 1H,4H,12H,15H-2,14:3,13-Dimethano-
5H,6H,7H,8H,9H,10H,11H,16H,17H,18H,19H,20H,21H,22H-
2,3,4a,5a,6a,7a,8a,9a,10a,11a,13,14,15a,16a,17a,18a,19a,20a,21a,22a-
eicosaazabispentaleno[1''',6''':5'',6'',7'']cycloocta[1'',2'',3'':3',4']pe
ntaleno[1',6':5,6,7]cycloocta[1,2,3-cd:1',2',3'-gh]pentalene-
1,4,6,8,10,12,15,17,19,21-decone, decahydro-
2a,13a,15b,16b,17b,18b,19b,20b,21b,22b-decamethyl-, stereoisomer (CA
INDEX NAME)

Relative stereochemistry.

PAGE 1-A



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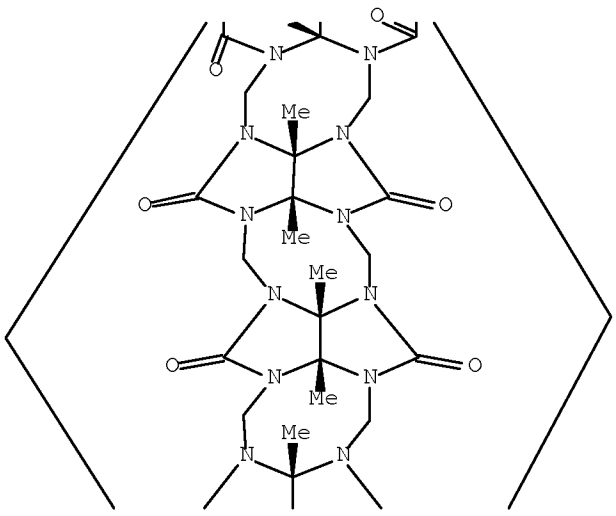
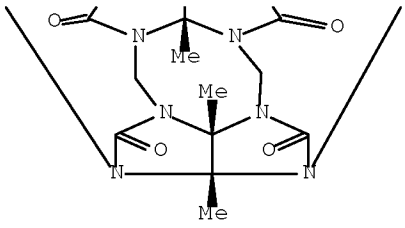


PAGE 3-A



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OSC.G   40    THERE ARE 40 CAPLUS RECORDS THAT CITE THIS RECORD (40 CITINGS)
RE.CNT  2     THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> => d his

     (FILE 'HOME' ENTERED AT 13:24:08 ON 02 DEC 2009)
                SET COST OFF

     FILE 'HCAPLUS' ENTERED AT 13:24:32 ON 02 DEC 2009
L1             1 S US20070287836/PN OR (US2007-588846 OR WO2005-AU396 OR AU2004-
                 E DAY
                 E DAY/AU
L2           150 S E3,E4
                 E DAY ANTHONY/AU
L3            39 S E3,E7,E8
                 E DAY TONY/AU
L4           696 S ?CUCURBITURIL?
L5            25 S L1-L3 AND L4
L6             1 S L1 AND L5
L7            24 S L5 NOT L6
                 SEL RN L6

     FILE 'REGISTRY' ENTERED AT 13:27:06 ON 02 DEC 2009
L8            29 S E1-E29
L9             1 S 80262-44-8
L10           28 S L8 NOT L9

     FILE 'HCAPLUS' ENTERED AT 13:28:35 ON 02 DEC 2009
L11              TRA L7 1- RN :      286 TERMS

     FILE 'REGISTRY' ENTERED AT 13:28:36 ON 02 DEC 2009
L12          286 SEA L11
L13          152 S L12 AND NR>=2 AND N>=4
L14              STR
L15           50 S L14
L16              STR L14
L17           50 S L16
L18         5904 S L16 FUL
                 SAV TEMP L18 NOBLE588A/A
L19           28 S L8 AND L18
L20          141 S L12 AND L18
L21          148 S L19,L20

     FILE 'HCAPLUS' ENTERED AT 13:33:34 ON 02 DEC 2009
L22         3123 S L18
L23           25 S L22 AND L1-L3
L24         1171 S L22 AND PY<=2005 NOT P/DT
L25         1056 S L22 AND PY<=2004 NOT P/DT
L26         2289 S L22 AND (PD<=20050318 OR PRD<=20050318 OR AD<=20050318)
L27         2099 S L22 AND (PD<=20040319 OR PRD<=20040319 OR AD<=20040319)
L28           17 S L24-L27 AND L23
L29            2 S L24-L27 AND (A61K047-48 OR A61K0047-48)/IPC,IC,ICM,ICS,EPC

     FILE 'REGISTRY' ENTERED AT 13:42:53 ON 02 DEC 2009
L30              STR L16
L31           50 S L30 SAM SUB=L18
L32         2546 S L30 FUL SUB=L18
                 SAV TEMP L32 NOBLE588B/A
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L33         806 S L32
L34         357 S L33 AND PY<=2005 NOT P/DT
L35         295 S L33 AND PY<=2004 NOT P/DT
L36         357 S L34,L35
L37         403 S L33 AND (PD<=20050318 OR PRD<=20050318 OR AD<=20050318)
L38         335 S L33 AND (PD<=20040319 OR PRD<=20040319 OR AD<=20040319)
L39          46 S L37,L38 NOT L36
                SEL HIT RN

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L40         176 S E30-E205

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L41          24 S L1-L3 AND L33
L42          11 S L41 AND L36
L43           5 S L41 AND L39
L44          16 S L42,L43
L45          41 S L39 NOT L44

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     FILE 'HCAPLUS' ENTERED AT 13:52:56 ON 02 DEC 2009

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L46         346 S L36 NOT L44,L45
                SAV TEMP L46 NOBLE588C/A

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